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2+ – 3 – 6 – 7 – 8 – 9+ – 10+ – 11+ – 35+ – 36 – 37+ – 38+ – 39
42+ – 43 – 44 – 51a+ – 40 – 53+ – 54+ – 55+ – 59 – 60+ – 60a – 61
62+ 64+ 69+ – 70+ – 71+ – 77 – 125+ – 129+ – 130+ – 131 – 132+ – 133+ – 135+
137+ – 139+ – 140+ – 142+ – 143+ – 144 – 146 – 147+ – 148 – 149+ – 150+ – 151+
152 – 153+ – 154+ – 155+ – 159 – 161+ – 162+ – 163 – 164+ – 165+ – 166+
167+ – 169+ – 169a (164+) – 170 – 171a+ – 172 – 172a+ – 172b – 173?
174+ – 180+ – 181+ – 190 – 194 – 204+ – 205+ – 212 – 221+ – 222
223+ – 225 – 230 – 231 – 232+ – 233+ – 234 – 235 – 239+ – 240+ – 241+
242+ – 243a – 246+ – 248+ – 249 – 251+ – 254 – 255+ – 256
258 – 259 – 261+ – 247 – 262+ – 263+ 264 – 265 – 266+
270+ – 272+ – 274+ – 275 – 283 – 297b. – 298+ – 299 – 300
301+ 302+ – 304 – 308+ – 309 – 315+ – 331+ – 332+ – 333 –
334+ – 337 – 342+ – 347a+ – 348 – 349+ 352+ – 354+ – 356+
356a+ – 357 – 358+ – 360+ – 364+ – 366 – 367+ – 370+ – 371
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507 – 509+ 510 – 514 – 515+ – 521 – 522 – 527+ – 527a – 528+
529 – 533 – 534+ – 536+ – 537+ 538 – 540+ – 542a+ – 542b+
554+ – 556+ – 558+ – 559+ – 560 – 561+ – 567+ – 581 – 583+ – 584
585+ – 588 – 595 – 611+ – 612+ – 613+ – 614+ – 616+ – 618+ – 619+
621+ – 624+ – 627+ – 636 – 645 – 646+ – 647+ – 652+ – 655+ – 657+
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Additional List.

300b ... 325 – 353 – 401a – 401b. – 475 – 484b – 555
559a – 737?

The birds represented by numbers marked thus + were found to breed in the Mackenzie Basin

List of Bible Names and
Words [illegible] the Mark [illegible] to be used
[illegible] Wesleyan [illegible] Bible" [illegible] the
[illegible] Numbers after
Concordance Numbers List. (R. Washburne)

2 — 3 — 6 — 7 — 8 — 9 — 10 — 11 — 33 — 36 — 37 — 38 — 39
42 - 43 - 44 — 51a — 40 — 53 — 54 - 55 - 57 — 60 - 601 - 61
62 - 64 - 69 - 70 - 71 - 72 - 125 - 129 - 130 - 131 - 132 - 133 - 135
137 - 139 - 140 - 142 - 143 - 144 - 146 - 147 - 148 - 149 - 150 - 151
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174 - 180 - 181 - 190 - 194 - 204 - 205 - 212 - 221 - 222
223 - 225 - 230 - 231 - 232 - 233 - 234 - 235 - 239 - 240 - 241
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529 - 533 - 534 - 536 - 537 - 538 - 540 - 542a - 542b
584 - 586 - 587 - 589 - 590 - 591 - 597 - 591 - 593 - 594
595 - 596 - 598 - 609 - 611 - 612 - 613 - 614 - 616 - 618 - 619
606 - 610 - 611 - 612 - 614 - 616 - 617 - 652 - 655 - 657
621 - 624 - 627 - 636 - 648 - 656 - 657 - 693 - 700 - 701
660 - 661 - 672 - 674 - 675 - 676 - 678 - 686a - 761 - 763 - 769
725 - 728 - 735 - 740 - 749 - 757 - [illegible]

Odd Literal List.

304 ... 315 - 333 - 401a - 401b - 436 - 454b - 535
5?? - .??

The Words represented by Numbers marked thus +
were found to be used in the Wesleyan Bible

Extract from List of Mammals known and believed to be natives of the "Great Mackenzie Basin" by R. Macfarlane.

Note. Only such matter has been taken from Mr. Macfarlane's List as is not included in Tyrrell's "Mammalia of Canada."

Rangifer Caribou. Not numerous in the Athabasca and McKenzie River Districts.

Cariacus Virginianus. Said to be a resident in the extreme S.W. portion of the map defined boundaries of the G.M. Basin

Antilocapra Americana. is to be found on both sides of the Rocky Mts and within the G.M. Basin

Lynx fasciatus is reported to be a native of the S.W. portion of the G.M. Basin

Canis latrans. If it does not cross the N. Saskatchewan it is now certainly to be found within the S.W. border of the Great Basin

Putorius longicauda is believed to be within the defined region

Arvicola riparius, abundant

[illegible] Dec. 20th 89

Dear Sir

Your letter of the 18th inst. was received to-day and we were glad to learn that our determinations agree so well with your own. As regards Rubus strigosus & leucodermis there can be no doubt about it as the fruit is quite different from either R. strigosus or R. leucodermis and always grows with these species The fruit very much resembles that of R. neglectus - which by the way our father makes a hybrid between R. strigosus and R. occidentalis - (and not R. ~~canadensis~~) this year differ from R. Our specimens of R. strigosus is very neglectus in ~~that~~ while R. strigosus is very common in British Columbia neither R. occidentalis nor R. Canadensis is found there. I have had another packet ready for you for some time

Dear Sir

Your letter of the 15th inst. re [illegible]

[illegible]

but held it until I should hear from you, in it our difficulties are

Solidago [illegible]

Aster subulatus

—— ? Shuswap Lake.

Symphoricarpos mollis.

As to Pyrus Americana my father says that while it is a fair sized tree and is found in Canada only in the East P. sambucifolia is but a shrub and we have no ~~authentic~~ Canadian Specimens from the East but it is ~~probable~~ ~~that~~ everything east of the Rocky Mts ~~that~~ we have called P. Americana is in reality P. sambucifolia. In the Rocky Mts. and B.C. P. sambucifolia is perfectly glabrous; ~~in~~ ~~fruit~~ branches of fruit that are [illegible] will often be made up of over a quart of berries. Our Specimens from B.C. this year were but fragments.

Your notes on Saxifraga leucanthemifolia Mx. and
S. stellaris just reach us. My father sent
specimens from earlier collection to Dr. Watson
as S. leucanthemifolia Mx. but he made them
S. stellaris and most of our herbarium specimens
are placed under it. Why not do something
with it yourself. Our mounted sheets are at
your service for examination? My father
joins me in good wishes for a merry Christmas.

Yours truly
Jas. M. Macoun

Dr. N. L. Britton
Columbia College
New York.

No. 2 —

Dec. 20th 89

Dear Dr. Lawson

Your note of the 16th inst. together with enclosure was received in due time. I also received a copy of the little work on ferns, which I consider a valuable contribution to our fern ~~literature~~.

I am glad to hear that you are preparing the paper on Equisetaceae and would gladly send you any thing we found the past summer that might interest you. If not too much to ask I would like a list of the species in your monograph in the order in which you place them for my list which will be in the printer's hands about March. Part V will only include the ferns and their allies with an addendum and index for Part I–V.

The copy of the "[illegible] Fern Flora" which you sent yourself reached me but not the other.

Contributions V is on the way and has reached to No. 63 but will not be issued until next autumn. There are a large number of new species in it.

With kind regards from Mrs. Macoun and myself

I remain truly yours
John Macoun

Dr. George Lawson
Dalhousie College
Halifax N.S.

No. 2 —

Dec. 20th 89

Dear Dr. [illegible]

Your note of the 16th inst. together with enclosures were received in due time. I also received a copy of the little work on [illegible] which I consider a valuable contribution to our [illegible].

I am glad to hear that you are preparing the paper on [illegible] and would gladly send you any thing we found the past seasons that might interest you. If not too much to ask I would like a list of the species in your Monograph in the order in which you place them for my list which are to be in the [illegible] hands about March. [illegible] I wish my index the genera and their [illegible] with an [illegible] and index for [illegible].

The copy of the "[illegible]" which you [illegible] but not the other.

[illegible]

Yours [illegible]

[illegible]

Dr. George [illegible]
[illegible] College
[illegible]

No. 3 —

December 20th 89

Dear Dr. Kindberg.

Since my last letter there are no new developments but I am still doing a little at my mosses. Today I send a few more of Drummond's mosses for you to determine if possible. I am now working at the Barbadoes.

Should you desire further specimens of any form please mention it particularly and I will send it at once.

You will find in the small parcel sent today a few scraps ones I sent last year. I am not satisfied with the present determination of them all and may have mixed some of the names.

Before winter is over I hope to get most of the species gone over and revised and will let you know each week how I stand.

Very truly yours
John Macoun

Dr. Nils C. Kindberg
Linköping
Sweden.

No. 32

December 29th 9[illegible]

Dear Dr. [illegible]

Since my last letter there are no new developments but I am still doing a little at my museum. Today I send a few more of [illegible]'s moss for you to determine if possible. I am now working at the [illegible].

Should you desire further specimens of any form please mention it particularly and I will send it at once.

[illegible] not found in the second parcel sent today a few mosses I sent last year. I am not satisfied with the present determination of them all and may have mixed some of the names.

Before winter is over I hope to get most of the species done and will let you know each result I attend.

Very truly yours
John Macoun

Dr. [illegible]
Linköping
Sweden.

Ottawa Dec. 21st 97

Dear Sir

Many thanks for your letter [illegible] Dec. 16th. with the enclosure for four [illegible] [illegible]-lists. Did you receive the packet I [illegible] you on the 11th inst. & if not kindly [illegible] me so that I may inquire about [illegible] If it reached you all right you need [illegible] trouble yourself to write about it. I shall [illegible] have another packet for you. My father [illegible] me in sending you the compliments [illegible] the season.

Yours truly
Jas. M. Macoun

D. N. St. Cyr. Esq.
Dept. of Public Instruction
Quebec.

No. 37

Jan 28th 18

Dear Dr. Merriam

Your letter and the Bulletins on the North American Fauna were received in due time. Please accept my thanks for them. It is quite evident we have much to learn from yet in regard to our northern Mammalia. Last season we obtained 73 skins of small mammals in very good condition.

We are now at work separating our collections and by the end of the week I hope to send you a fair series of skins some to keep others to return, or what would be better to exchange. It is curious that I have two forms of Marmot and I believe two of the Cliff Mountain Hare. These I will send down. I have a fine series of the white footed mouse or mice and of the little striped Squirrel.

The Little Pika if the same species has a remarkable change of habitat. We have it from

No. [illegible]

Dec 23rd 88

Dear Dr. Merriam

Your letter and the Bulletin on the North American Fauna was received in due time. Please accept my thanks for them. It is quite evident we lack much to learn from you yet in regard to our northern Mammalia. Last season we obtained 73 skins of small mammals in very good condition.

We are now at work separating our collection and by the end of the week I hope to send you a fair series of skins some to [illegible] [illegible] [illegible] as what [illegible] to [illegible] to exchange. It is curious that I have two forms of Marmot and I believe two of the [illegible] Mountain's Hare. Then I [illegible] [illegible] them. I have a fine series of the White footed mouse a [illegible] and of the little [illegible] Spermophiles.

The white tailed [illegible] of the same species has a remarkable change of habitat. We have it from

2

500 feet above the sea to 7000 feet. The Marmot
was only 2000 feet above the sea. When you see
them you can decide.

I am very glad that Dr. Stejneger
will look over the Reptiles. I will select a complete
series and number them so that he can retain all
the duplicates and only return those of which I have
only one specimen. I will send the specimens
in glass-stoppered bottles packed in sawdust - the
bottles containing alcohol. I will only put a
number on the bottle but will send a written
list at the same time where all data will be
given. There will also be a few small fish, chiefly
from the coast of Vancouver Island.

Next year I will collect fish as
well as Reptiles and hope to make some drawings.
If possible I would like a few duplicates of Reptiles.
At present
likely to mean much of the Boundary. As to [illegible]
as you are aware we have [illegible] [illegible] [illegible] for
them. I will send down for identification [illegible]
of the genera, Bison, Eupleura, and Vireo.

Very truly yours
John Macoun

Dr. Hart Merriam
Washington D.C.

2

So just when it was at 700 feet. The Mesnard
was only 2 1/2 feet above the sea. When you are
there you are dead.

I am very glad that the [illegible]
was built over the [illegible]. I was asked a couple
times and remember them so that he can return as
to [illegible] and my return there of which I have
my own experiences. I was around the expansion
of glass-stiffener bottle jacked in Lambert. The
little [illegible] [illegible]. I was my first a
remember as the bottle but was made a another
list at the same time when we [illegible] he
prison. There was aboard a [illegible] [illegible]
from the boat Vancouver Island.
The next year I was asked just as
well as [illegible] and help to make own [illegible]
[illegible] I would like a few [illegible] [illegible]
[illegible] to come and [illegible] the [illegible]. At [illegible]
[illegible] [illegible] at [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

[illegible]
Washington D.C.

No. 428

Dec. 25th 09

My dear Mr. Smith.

Your note has just reached me. In answer I may say that the price is the same as the others - eight dollars the per century. I am glad the moves reached you safely.

Wishing you the compliments of the season I am very truly yours

John Munro

George L. Smith
State Normal School
Baltimore
Maryland

No. 428

Dec. 23rd 89

My dear Dr. Smith,

Your note has just reached me. In answer I may say that the price is the same as the others — eight dollars $8 per Century. I am glad the names reached you safely.

Wishing you the Compliments of the Season, I am very truly yours

Alfred Mercer

George A. Smith
State Normal School
Baltimore
Maryland

No. 237

December 20th 99

Dear Prof Barnes

A few days since I sent to your address Century VI of my Canadian Musci. It is the sixth price $1.00 As you will see there are a number of new species and many interesting ones that are rare with us.

Please look at No 230 and see if you have the true P. spinosum. If so the left hand name of the packet you see 25/7/85 then your specimen is Polytrichum [illegible] and if 3/9/83 then your specimen is P. [illegible] for Catalogue.

No 217 should be Amblystegium [illegible], Kindberg, a new species. 285 is now named by Kindberg a new species. 252 is named Leskea nervosa var. flagellifera, Kindb. 225 is named P. commune v. canadensis, Kindberg.

As changes are made or suggested I will let you know. I am now preparing the Catalogue of our Musci for publication.

Very truly yours

John Macoun

No. [illegible]

December 29th 91

Dear Prof [illegible]

A few days since I sent to your address [illegible] No. [illegible] of my Canadian Mosses. It is the same [illegible]. As you will see there are a number of new species and many interesting ones that are new with me.

Please look at the [illegible] and see if you have the [illegible] [illegible]. If [illegible] the left hand [illegible] of the packet you see 25?/85 then your specimen is [illegible] and if [illegible] 85 then your specimen is [illegible] [illegible] [illegible] [illegible] [illegible]. 285 is now [illegible] [illegible] [illegible]. 252 is named [illegible]. 215 is named [illegible] Canadensis [illegible].

In [illegible] we made a [illegible] I [illegible] to you [illegible] I am now preparing the [illegible] of the [illegible] for publication.

Very truly yours
John Macoun

Dec. 23rd 89

Dear Mr. Carruthers

Do not worry about what you will send me in exchange for the plants received. You are to get a complete series as fast as we can collect and ~~distribute~~ but we have so much on hand we cannot undertake it all in one season. We have duplicates of fully 1000 species on hand now so you see you have many fine things to receive. My son has sent, per your [illegible] about 200 species but any one hundred of these will go [illegible] to the other series followed later. I promised a full series and a full series you will get.

A set of [illegible] southern [illegible] would be very acceptable, as would any species plants outside of Europe as we have nearly all the [illegible] of the Scandinavian, Greenland & [illegible]. If you have a standing [illegible] for any Arctic species that may turn up from our own northern regions different from those already sent.

Wishing you a merry Xmas and a happy new year, I am very truly yours

John Macoun

William Carruthers
South Kensington Museum
London, England.

No 441

Dec. 23^d 89

Dear Mrs. Britton

Your note of 20th inst. was received this morning and this afternoon a card from Dr. Kindberg. He says that "Mniums simplex" is the true B. erecans but he has not the specimen of it that you sent me and which I forwarded to him when he wrote. He also says that my Pogonatum capillare is very likely P. brevicaule. He thinks the description of P. brevicaule, brachyphyllum and capillare in Lesq. & James are not very good. He wants true specimens of all three. He also wants true Webera Lescuriana. Can you help us to authentic specimens. He says My. 163 Canadian Musci is Webera pulchella, you thought it was carnea & had Lescurii. and now I ask Who is right ?? I am less certain than ever. Kindberg has tackled my Brachythecium lactum n. 281. Very likely he will make two or three species out of it yet.

I send a few mosses for your collection not before sent, also a specimen of G. brevipilis for Dr. Braithwaite.

Oct. 23rd 85

Dear Mrs. Britton

Your note of 20th inst. was received this morning and this afternoon a card from Dr. Kindberg. He says that "[illegible] [illegible]" is the true B. [illegible] but he had not the specimens of it that you sent me and which I forwarded to him when he wrote. He also says that my [illegible] capillare is very likely B. [illegible]. He thinks the description of B. [illegible], Brachythecium and Capillare in Lesq. & James are not very good. He wants two specimens of them. He also wants the Webera [illegible]. Can you help me to authentic specimens. He says Hyp. 163 Canadian Mosses is Webera [illegible], you thought it was [illegible] I had [illegible]. And now I ask which is right??? I am more [illegible] than ever. Kindberg [illegible] my Brachythecium [illegible] No. 28. Very likely he'll now make two or three species out of it yet.

I send a few mosses for your collection not before sent, also a specimen of [illegible] for Dr. [illegible].

(2) Dec. 2[illegible]

I have looked for Heterodactylus processus in Drummond's Musci but cannot find it. Have
you either of his sets? If not as I hear from Hindley
I will send you his names and a part of my specimens
so that you may be able to follow up the northern
forms. I was more than surprised that Lesq. & James
never seemed to take up Austin's work in a
systematic manner but am beginning to see
my way more clearly. Do not be surprised if
when my enumeration is published I do not show
up some of the short-comings of the Manual. I
never feel to show up ignorance but willful sub-
-version of facts always. I knew Austin for many
years and found him to be an honest man. I
know very well that when he commenced to work
on the Musci he made many mistakes but he
was an honest worker. I believed the same of James
but Lesquereux I never believed in as he obtained
his glory through Sullivant. Remember I corres-
-ponded with Sullivant nearly 30 years ago and
know the development of each individual.
I have many of the books you mention and hence can
[illegible] no key to Drummond's names but know

(3)

many of the species by sight.

No 442

Dec. 28th 89

My dear Sir

As I heard nothing from you I am afraid we got but few duplicates over and above what we wanted. I am going west next season I believe and if you sent me your list I could lay aside anything we might have for you now and next year get as many as possible of those you want.

When we give you material I will ask you for returns. We will be sorting in the birds next week.

Very truly yours

J. M. Macoun

W. E. Saunders Esq

London

Ont.

I read your note again and it is the list that I ask you. Will send your specimens. Please make out the first part as soon as convenient as I may want it in two weeks or a less. J. M.

Dec. 28th 89

My dear Sir

As I heard nothing from you I am afraid we got left your duplicate one and above at least we wanted. I am going next week because I believe and if you had me your list I could lay aside anything we might have for you now and next year get as many as possible of those you want.

When we give your credentials send [illegible]
you for returns. We will be starting in the [illegible] next week.

Very truly yours

[illegible]

W. E. Saunders Esq
London
Ont.

No. 443

Dec. 28th 89

Dear Mr. Pearson

Your letter and the plates came in the early part of the week. The corrections are being made. We have read the first proof today to No. 49. I will send the second proof to you though part of it may be too late in getting back.

I am very sorry to hear of your eyes failing again but hope that long before this they are all right again.

Dr. Underwood has named a large number of my specimens. The following were not taken up by you. Jungermannia tersa Nees.? Lejeunea n. sp. Diplophyllum obtusifolium Hook. var. Fimbriaria Californica, Lejeunea calcarea Libert. Fossombronia Dumortieri, Pleuroclada albicans Besides these there are others which may be new.

With best wishes I remain truly yours

John Macoun

W. H. Pearson Esq.
3 The Priory
Eccles Manchester England.

P.S. How many copies of the pamphlet will you want?
J. M.

Dec. 28th 9[illegible]

Dear Mr. Pierson

Your letter and the plates came in the early part of the week. The corrections are being made. We have sent the first proof today to Mr. [illegible]. I will send the second proof to you though part of it may be too late in getting back.

I am very sorry to hear of your eyes failing again but hope that long before this they are all right again.

Dr. [illegible] has named a large number of species. The following are not taken by any [illegible]. Besides these there are others which may be new.

With best wishes, I remain truly yours

[illegible]

W. H. Pierson Esq.

[illegible] Manchester England.

[illegible]

No. 444

Dec. 30th 89

My dear Sir

The plants you mention were partly reported on. No. 1 was certainly A. glaucus. See my last letter.

Nos II & III are still in Dr. Watson's hands. No. 4 was sent to Prof. Coulter and he reports that it is as I wrote you Peucedanum nudicaule.

When I hear from Watson I will write you again.

Any ~~new~~ plants that you have which you think new to the Catalogue I would like to see and any others you are doubtful about. I will return them at once.

Very truly yours
John Macoun

Mr. J. C. Walker
15 Mack Street
Kingston
Ont.

No. 414

Dec. 30th 89

My dear Sir

The plants you mention were finally reported as No. 1 was containing A. glauca in my last letter.

No. II & III are still in Dr. Watson's hands. No. 4 was sent to Prof. Coulter and he reports that it is as I most expect [illegible] [illegible].

When I hear from Watson I will write you again.

Any new plants that you have which you think none of the botanists would like to see and any others you are doubtful about. I will return them at once.

Very truly yours
[illegible]

Mr. J. C. Walker
15 Mack Street
Kensington Ind.

No. 445

Dec. 30th 89

Prof. J. M. Coulter

Dear Sir

Your note of 23d inst and the package of Cornaceae have arrived. The latter in good order. I am glad we have the new species. As we have it from Nipigon to the Rocky Mountains it seems to have a wide range. I am glad you kept Co. asperifolia as it was.

Next season I hope to be near the boundary of Washington Territory in the Kootanie Country and hope to pick up a number of new forms in that remarkable district.

When you take up a new order or genus I will send you anything you may want.

Very truly yours
John Macoun

Prof. J. M. Coulter
Crawfordsville
Indiana

No. 488

Dec. 30th 89

Prof. J. M. Coulter

Dear Sir

Your note of 22d inst and the package of specimens have arrived. The latter in good order. I am glad we have the new species. As we have it from Bolivia & the Rocky Mountains it seems to have a wide range. I am glad you kept the [illegible] as it was.

Next summer I hope to be near the boundary of Washington Territory in the Kootanie country and hope to pick up a number of new forms in that remarkable district.

When you take up a new order of ferns I will send you anything you may want.

Very truly yours
John Macoun

J. M. Coulter
Crawfordsville
Indiana

No 446

Dec 10th 89

Dear Dr Merriam

By tomorrow's Express I send a box for you containing all the reptiles I have collected for the last five years. There may be nothing new but I especially want their names so as to make a start in Herpetology. I have indicated on the enclosed list all those I wish returned.

My son is now working at the birds and by the end of this week I hope to send you the birds, and Mammals I wish you to examine. I think I can present you with a series.

As I have kept a copy of the list, a report by No. is all that is necessary.

Very truly yours
John Macoun

Washington
D.C.
U.S.

No 4416

December 9

Dear Mr President

My Commission Lectures I send a list of you containing all the articles I have collected for the last five years. There may be nothing new — but I eagerly want this movement to make a start in Horsfortheology. I have circled on the enclosed list all those I wish collected.

My own is now working at the Birds and by the end of this week I hope to send you the birds, and Mammals I wish you to examine. I think I can present you with a museum.

As I have kept a copy of the list, a report by No. is all that is necessary.

Very truly yours
Alfred Newton

Washington
D.C.
Aug.

Dec. 28th 89

List of Reptiles sent to Washington
~~[illegible]~~

(1) A snake with red markings down the centre line. Caught at Hastings B.C.

(2) Large snake with flat head. Caught at Hastings.

(3) Pair of Salamanders caught in a ditch at Hastings April.

(4) One Lizard. Caught in crevice of rocks at Sicamous B.C. July 10th 1889.

(5) One dark coloured ~~trout~~ Caught at Spence's Bridge June 4th 1889

(6) one ~~trout~~? with a salmon color on the side caught ~~at~~ Spence's Bridge May 31st 1889.

(7) One large frog with black spots Common.

(8) One frog with dark back and spotted like a toad. Port Haney May 3rd 1889.

(9) One frog with yellow under legs and mottled throat Port Haney May 3rd 1889

(10) One pair frogs, short with double line down the back. Sicamous July 8/89

Dec 29th 89

List of Reptiles sent to Washington

~~[illegible]~~

(1) A snake with red markings down the back line. Caught at Hastings B.C.

(2) Large snake with flat head caught at Hastings.

(3) Pair of Salamanders caught in a ditch at Hastings April.

(4) One Lizard. Caught in crevice of rocks at Mission B.C. July 11th 1889.

(5) One dark colored trout caught at Spence's Bridge June 6th 1889

(6) One trout? with a salmon color on the side Caught at Spence's Bridge May 31st 1889.

(7) One large frog with black spots Cariboo.

(8) One frog with dark back and spotted like a toad. Port Hammond May 3rd 1889.

(9) One frog with yellow under the legs and mottled back Port Haney May 3d 1889

(10) One green snake, short with dark line down the back. Similkameen July 8/89

(11) one little Bull head in the sea at Hastings April 1887
(12) one fish with fin down the back at. "

---

12 One brown snake Caught at Spences Bridge.
13 one dark backed toad
14 " toad larger than No 13
15 " " smaller than No 14.
16 one snake with clear light line down the back
17 " " with spotted back.
18 " snake, brown backed Hastings B.C. April.
19 " One frog Hastings April 25th 1887.
20 " one darkish snake from Hastings April 10/87
21 " one dark brown snake with a break in centre
22 " " " " " not broken.
23 " " with clear markings and a dark blotchy head.
24 " with a little red back of the head } Hastings
25 " " no red (likely the same }
26 " darkish snake
27 " with red spots.

2

(11) One little Chest bone for the use of Hastings

(12) One fish with fins above the back etc. " [illegible]

12 One brown snake Caught at Spencer's Bridge.

13 One black beaded lizard

14 " Toad Lizard from No 13

15 " " Another from No 14.

16 One snake with clear light line down its back

17 " " with spotted back

18 " Brown banded Hastings B.C. [illegible]

19 " Tree frog Hastings April 25th 1898.

20 " One dark [illegible] snake from Hastings July 10/97

21 " One dark brown snake with a head in band

22 " " " " not banded.

23 " " with almost transparent and a dark belly.

24 " with a little red back of the head of Hastings

25 " " one [illegible] the same

26 " dark snake.

27 " with red spots.

Collection on Vancouver Island 1887

28 A Toad

29 A tree frog green backed.

30 A " " dark blue back.

31 A frog

32 Red bellied Salamander. In water Alt. 3000 feet.

33 Salamander in rotten wood Comox April 20/87

34 Two salamanders Vancouver Island!

35 One snake with two little white spots on its head.

36 Brown snake with three faint light colored lines.

37 Dark snake with three clear white lines.

38 Small snake with very light colored lines

39 A Brown snake (Plains natrix)

40 = 36 41 = 36 42 = 36

43 Snake like 36 but lines and spots clearer

44 Brown snake with centre line faintest

45 Large snake with light colored head & eyes.

46 Very small snake

47 Brown snake.

48 A lot of fish

49 A Mouse

Collection on Vancouver Island 189[illegible]

28 2 Toads
29 a Tree frog green forehead
30 a " dark blue back
31 a frog
32 Red bellied salamander. [illegible]
33 Salamander in rotten wood brown [illegible]
34 Our salamander Vancouver Island
35 [illegible] snake with two [illegible] white spots on its head.
36 Brown snake with three faint lightcolored line.
37 Dark snake with three clear white lines.
38 Brown snake with very light colored line
39 2 Brown snake (Blue [illegible])
40 = 36 41 = 36 42 = 36
43 Snake like 36 but has one [illegible]
44 Brown snake with dark line painted
45 Large snake with light colored head & eyes.
46 Very small snake
47 Brown Snakes.
48 2 [illegible] frogs
49 2 Mouse

50 A large toad Cacouna Rock
51 A fish from Cacouna Rock
52 A large snake with pinkish line on back, they are
53 a large snake from Prince Edward Island.
55 Snake with three white lines
56 Very small snake.
57 Brown snake with centre line red. (Please return)
58 Frogs

Please return Nos. 12 to 27 without some are duplicates, also Nos. 1, 2, 3, 39, 45, 46, 47 & 56, 58, 61, 62

Should any notes be wanted I can furnish them. All the Nos. from 53 to 57 inclusive are from Prince Edward Island in the Gulf of St. Lawrence.

Very respectfully yours
John Macoun

50 A large thin Crinoidea Calc.
51 A fish from Crinoidea Calc.
52 A large snake with pinkish line on back [illegible]
53 A large snake from Prince Edward Island
54 Snake with three white lines
56 Very narrow snakes.
58 Brown snake with white line ext. (Clam Lobster)
59 Frog

Please return Nos. 1 to 27 inclusive and duplicates; also Nos. 33, 39, 45, 46, 47 & 56. 32.38.52.
Should any with the numbers I sent you be there. All the Nos. from 53 to 57 inclusive are from Prince Edward Island via the Bay of St. Lawrence.

Very respectfully yours
John Macoun

5

Supplement to preceding list.

58 One snake from near Regina Assiniboia

59 One salamander from the Gulf of Georgia

60 One snake from Oyster Bay Vancouver Island

61 Snakes from Rush Lake (prairie) Alberta

62 Snakes in a swamp at Comox B.C.

63 Salamanders from Rush Lake Alberta (take one)

Please return all these except one of 62 & 63.

Should you desire me to do so I would have much pleasure in procuring a set of all the forms I may take next year, for your Museum.

John Macoun

5

Supplement to preceding list.

58 One snake from Bear Spring Conception

59 One salamander from the Indy Lagoon

60 One snake from Oyster Bay Vancouver Island

61 Snakes from Rush Lake (Banning) Alberta

62 Insects & [illegible] at Comox B.C.

63 Salamanders from Rush Lake Alberta (Bet. [illegible])

Please return all these except no. 62 & 63. Would you desire me to do so I would have much pleasure in forwarding a set of all the forms I may take next year for your Museum.

John Macoun

No. 447

Jan. 3d 90

Dear Dr. Watson

Your card came today. In answer I may say that the "Mountains of Cariboo" are [illegible] northern British Columbia between Lat. 53° - 56° [illegible] is the "Gold Region" of British Columbia and received its name from them on account of the Caribou in the mountains.

Last summer I was on the "Gold Range" west of the Columbia River and North of the Canadian Pacific Railway and saw numerous Caribou and Rocky Mountain Goats. About 6500 feet above the sea the timber ceases and fine meadow take their place up to perpetual snow. I spent ten days on the mountains and brought back Goat skins with me.

In the last bundle of plants there are at [illegible] different [illegible] [illegible]

[illegible] [illegible]

[illegible]

[illegible]

[illegible]

No. 447

Jan. 24 90

Dear Dr. Watson

Your card came today. [illegible]
I may say that the "Mountains of Caribou" on
[illegible] British Columbia between lat. 53°-54°
[illegible] is the "Gold Region" of British Columbia and re-
-ceived its name from them on account of the Caribou
in the mountains.

Last summer I was on the "Gold Range"
west of the Columbia River and south of the Canadian
Pacific Railway and saw numerous Caribou on
many mountain peaks. About 6300 feet above
the sea the timber ceases and fine meadows take
their place up to perpetual snow. I spent two
days on the mountains and brought their foot
[illegible] with me. [illegible]

In the last [illegible]
[illegible]

[illegible]

No. 448

Jan. 3rd 90

My dear Sir

Your note came yesterday and the day before I heard from Sweden regarding the Hypnum [illegible] sent, I now return all that have been reported [illegible] [illegible] care to keep a part for myself.

I have again to congratulate you on your success in getting new species. I return the original packets so that you may identify them more easily.

new to me

1 Heterocladium dimorphum
2 Cylindrothecium brevisetum
3 Hypnum arcticum Var. crenatifolium Kindb. (N. Var.)
4 Leskea denticulata
5 Hypnum complexum
6 Hypnum (Amblystegium) speciophyllum, Kindb. (N. sp.)
7 " (Brachythecium) rivulare Var. Novae-Brunswiciae

This last is a sub-species. I have found none of them myself and you will see by the list that there are [illegible] more others new to New Brunswick [illegible] of their sizes and of [illegible]

June 3rd 90

My dear Sir

Your note came yesterday and the day before I read your remarks regarding the Hoffmannia [illegible]. I now return all that have been reported [illegible] [illegible] to keep a part for myself.

I have again to congratulate you on your success in getting new species. I return the original numbers so that you may identify them more easily.

New to me

1 [illegible]

2 [illegible]

3 [illegible] (?)

4 [illegible]

5 [illegible]

6 Hoffmannia ([illegible]) [illegible]

7 " ([illegible]) [illegible]

[illegible] is a sub-species. I have found many of them [illegible] by the list that [illegible] myself and you will see [illegible]

[illegible] to [illegible] Nos. 8, 9 [illegible] and 5 [illegible]

2

I am asking for a number of species but do not expect them to be all collected. Let me have a list of all the species sent to you last year. I have many others I can send you now. The package spoken of has not reached me yet so I can say nothing of the contents. I am glad to know you are still on the alert for mosses and other cryptogams. I think H. Renauldii is common with you as you had it under three or four numbers. I am doubtful if the moss mentioned in your letter is H. Renauldii as it is related to H. uncinifolium while the moss mentioned by you has the habit of a Brachythecium.

I prefer to return a part of your forms when I can as that settles the question of identity or if the specimen is small send it all and ask for its return. Any unsatisfactory things you have sent can be sent here again. I will return them. Your H. piliferum is nearly all H. compactum what you have now may be the new sub-species. There is a lichen that takes the shape of a rosette which is called [illegible] rosaceum. I can not recall any fungus that does take that shape just now. I will give the [illegible] later on. [illegible] is correct. Wishing the compliments of the season I remain

Yours sincerely [illegible]

Mr. John Moser
Canaan Forks N.B.

2

I am asking for a number of species but do
not expect them to be all collected. Let me have a
list of all the species sent to you last year. I have
many others I saw and you never. The package
specimens of has not reached me yet — I can say nothing
of the contents. I am glad to know you are [illegible]
as the [illegible] for Mosses and other Cryptogams. I
think Mr. [illegible] is [illegible] with you as you had
it [illegible] a few [illegible]. I am doubtful if
the name mentioned in your letter is Mr. [illegible] as
it is [illegible] to Mr. [illegible] which the name
mentioned by you has the habit of a [illegible].
I prefer to [illegible] a [illegible] of your [illegible]
when I [illegible] as [illegible] the question of identity or
if the specimens is [illegible] and [illegible] ask for its
return. [illegible] you have [illegible]
here again. [illegible] Yours [illegible]
is [illegible] as the [illegible] what you have [illegible]
be the [illegible]. There is a [illegible] the
shape of a [illegible] which is called [illegible]. I can
not [illegible] that [illegible] shape [illegible]
I [illegible] the [illegible] letter [illegible] is
[illegible] the [illegible] of [illegible]
Mr. [illegible]

List of Mr. Moser's New Brunswick
Mosses returned January 2nd 1890.

Hypnum circumflexum (43) 1888 ✓ also 54 (1889)
" Novae-Angliae (H. = borealisum)

" Sullivantii, ✓
" salebrosum ✓
" arcticum var. crenatifolium, Lindb. (n. var.)
Cylindrothecium brevisetum ✓
Hypnum ochraceum (42e, 32 H. ...), ✓
" subimponens ✓
" Sommerfeltii ✓
" cuspidatum ✓
" exannulatum ✓
" commutatum, ✓
" uncinatum var. subalpinum ✓
" ciliatum ✓
" strigosum ✓
" Oakesii
" reflexum ✓
18 " Renauldii ✓ (also No 16 in plants 5/1888 old ...)
19 " recurvans ✓
20 " confervoides ✓
21 " speciophyllum, Lindb. (n. sp.) (Amblystegium) ✓
22 " fluviatile ✓
23 " denticulatum ✓
24 " polygamum ✓
25 " Haldanianum ✓
26 " reptile ✓
27 " cordifolium ✓
28 Webera cruda ✓
29 Leskea denticulata ✓
30 Hypnum hispidulum ✓
31 " stramineum ✓

32 Hypnum laetum ✓
33 " acuminatum ✓
34 " hians ✓ in the given specimen the other H. laetum is
35 " [illegible] ✓
36 " [illegible] ([illegible]) Nova-Brunswick, [illegible]
37 " rutabulum ✓
38 " acuminatum ✓
39 " Crista-Castrensis
40 " commutatum
41 " triquetrum
42 " cupressiforme
43 " reflexum
44 Climacium Americanum

There are still a number of others to report on besides the Lichens but the work on them is not complete yet.

John Macoun

[illegible] [illegible]
" [illegible]
" [illegible]
" [illegible]
" [illegible]
" [illegible]
" [illegible]
" [illegible]
" [illegible]
" [illegible]
" [illegible]
" [illegible]
[illegible] [illegible]

There are also a number of others to report on besides the chemicals but the work on these is not complete yet.

Yours truly
[illegible]

Ottawa Jan 2nd 1890

A. R. C. Selwyn. C.M.G, L.L.D, F.R.S, etc.
Director, Geol. & Nat. Hist. Survey

Sir.

Immediately after the date of my last annual report I became ill and was confined to my house during the greater part of the winter. With the aid of my assistant, Jas. M. Macoun, the work of the office was carried on and the collections made during the preceding summer named and mounted. Before my departure for the field I was able to block out and nearly complete the Catalogue of the birds of the Dominion alluded to in my report of last year.

On the 20th of March last accompanied by my assistant I started for British Columbia and reached Vancouver April 4th. Next day we commenced work and between that date and Aug. 12th with the aid of my assistant and one man I collected birds, mammals, reptiles and insects besides making a complete collection of the whole flora from the coast to the Eagle Pass in the Gold Range, a distance of [illegible] 400 miles on the line of the Canada Pacific Railway. This being the

Ottawa 9 Jan 1890

A.R.C. Selwyn, C.M.G., LL.D., F.R.S., etc.
Director, Geol. & Nat. Hist. Survey

Sir.

Immediately after the date of my last annual report I was ill and was confined to my house during the greater part of the winter. With the aid of my assistant, Jas. M. Macoun, the work of the office was carried on and the collections made during the preceding summer named and mounted. Before my departure for the field I was able to block out and nearly complete the catalogue of the birds of the Dominion alluded to in my report of last year.

On the 26th of March last accompanied by my assistant I started for British Columbia and reached Vancouver April 4th. Next day we commenced work and between that date and Aug. 15th with the aid of my assistant and one man I collected birds, mammals, reptiles and minerals besides making a complete collection of the whole flora from the coast to the Eagle Pass in the Gold Range, a distance of c. 400 miles on the line of the Canada Pacific Railway. This being the

first season of my duties as naturalist we devoted much more time to general Natural History than to botany as the table ~~given below~~ of the collections of the season given below will show. Our seasons work ended at Griffin Lake on the Eagle River after we had lived at an altitude of 7000 ft. for ten days and collected the whole mountain flora and fauna as far as time and means would permit

The total cost of the exploration was. $134 . .

Since our return to Ottawa we have been engaged in sorting, naming and arranging the immense collections of the season and at this time have made satisfactory progress. Up to date over forty species of plants new to science have been named and others are still to be determined.

Mr. Pearson's paper on Canadian Liverworts is now passing through the press and will be followed by Part V of the Catalogue of Canadian Plants and by the Catalogue of Canadian Birds already mentioned. These papers were placed in the hands of the printer last spring so that they might be in type before my return.

During the past three years I have spent much time in collecting and working up the mosses of the Dominion and with the aid of European specialists

first season
we should make of my debut as ~~naturalist~~
Natural History than at same time it general
whole ~~[illegible]~~ belonging to the [illegible] as the
the science given of the collections of.
[illegible] work [illegible] below show. Our
[illegible] [illegible] of the [illegible] on the
[illegible] 1 [illegible]. For the birds and collected
the whole mountain flora and fauna as
far as time and means permit.

The total cost of the expedition
was $121.

Since our return to Ottawa we
have been engaged in sorting, naming
and arranging the immense collections
of the season and at this time have
made satisfactory progress. All the birds
our forty species of plants were [illegible]
have been named and others are still
to be determined.

Mr. [illegible] paper on Canadian
liverworts is now passing through the
press and will be followed by Part V
of the Catalogue of Canadian Plants and
by the Catalogue of Canadian Birds
[illegible] mentioned. These pages were
placed in the hands of the printer
last spring ~~it~~ so that they might be
in type before my return.

During the past three years I have
spent much time in collecting and
working up the mosses of the Dominion
and with the aid of European specialists
and

hope next year to complete the work and publish a full list of them as Part VI of my Catalogue of Canadian Plants.

Many hundred specimens of plants have been received from every province in the Dominion for identification but chiefly from Newfoundland, Quebec, and New Brunswick.

While in British Columbia we collected over 1400 species of plants in which were included more than 15,000 specimens, 435 skins of birds and mammals were secured, 141 species in all. Nearly 100 reptiles were collected and preserved in alcohol and several hundred insects which are now being determined by specialists.

All work in connection with the herbarium and the distribution of specimens has been done by my assistant Mr. Jas. M. Macoun. During the past year there were mounted and placed in the herbarium 4406 sheets of specimens; of these 3592 sheets were of flowering plants and 814 cryptogams. Of the flowering plants 1987 sheets were Canadian 1079 from the United States; 340 from Australia & [illegible] from Europe. The cryptogams mounted were with few exceptions Canadian. To public institutions and to private individuals in exchange for desiderata were sent 5960 sheets of specimens (3593 flowering plants and 2167 cryptogams.)

hope next year to complete the work and publish a full list of them as Part IV of my Catalogue of Canadian Plants.

Many hundred specimens of plants have been received from every province in the Dominion for identification but chiefly from Newfoundland, Quebec, and New Brunswick.

While in British Columbia we collected over 1100 species of plants out of which were included more than 15,000 specimens, 437 skins of birds and mammals were secured, 141 species in all. Nearly 100 reptiles were collected and fungi in alcohol and several hundred insects which are now being determined by specialists.

All work in connection with the herbarium and the distribution of specimens has been done by my assistant Mr. J. M. Macoun. During the past year there were mounted and placed in the herbarium 4406 sheets of specimens; of these 3372 sheets were of flowering plants and 418 Cryptogams. Of the flowering plants 1957 sheets were Canadian 1059 the United States; 340 from Australia. The Cryptogams from Europe. [illegible] respective Coun- [illegible] were sent [illegible] institutions and to [illegible] duplicates in exchange for [illegible] [illegible] specimens were sent 3700 sheets of specimens (3372 flowering plants and [illegible] Cryptogams.)

specimens of inestimable value which could never be replaced and such a fire would endanger the whole building. I would therefore respectfully ask that the matter be laid before the Minister of the Dept. of Interior and that something be done to at least lessen the danger that now threatens us.

I have the honor to be
Sir
Your Obedient Servant &c
John Macoun
Naturalist

these included 400 sheets to the University of Copenhagen in exchange for which plants from Greenland were sent, 432 sheets to Columbia College, 448 sheets to the British Museum, 292 to the National Museum at Washington, 200 to Miss R. Masson, Lausanne Switzerland, 200 to J. B. Ellis Newfield N.J., 100 to Prof. L. M. Underwood, Syracuse N.Y., for all of these, specimens have been sent us in exchange, but besides these several hundred specimens were sent to McGill University, the Dept. of Public Instruction, Quebec; Harvard University, the California Academy of Sciences, the University of Nebraska and a set of Canadian grasses to Prof. Scribner at Knoxville ~~Tenn~~ Tenn. U.S.

Since my last report 448 letters, of sufficient importance to copy, were written in connection with our work and about the same number were received.

While our collections of Natural History specimens are rapidly growing larger and increasing in value no greater space is being given us for their disposal and while the danger from fire is constantly increasing the absence of any fireproof room or building renders it impossible to take any precautions to insure their safety. The room I now occupy is so crowded with inflammable material that a spark or the dropping of a match would in a few moments cause the destruction of

These included 400 sheets to the University of Copenhagen in exchange for which plants from Greenland were sent, [illegible] sheets to Columbia College, [illegible] sheets to the British Museum, [illegible] to the National Museum at Washington, 200 to [illegible] R. [illegible]; Lausanne, Switzerland, 200, to J. B. Ellis Newfield N.J., 100 to Prof. L. M. Underwood, Syracuse N.Y.; for all of these, specimens have been sent us in exchange, but besides these several hundred specimens were sent to McGill University, the Dept. of Public Instruction, Quebec; Harvard University, the California Academy of Sciences, the University of Nebraska and a set of Canadian ferns to Prof. [illegible] of [illegible] ville ~~[illegible]~~ Conn. N.J.

Since my last report 442 letters, of sufficient importance to copy, were written in connection with our work and about the same number were received.

While our collection of [illegible] specimens are rapidly growing [illegible] and increasing in value as [illegible] are being given us for this [illegible] and while the [illegible] from [illegible] is constantly increasing the [illegible] of our [illegible], room in building makes it impossible to take any precautions to insure their safety, [illegible] The room [illegible] was occupied as a [illegible] with inflammables, [illegible] a [illegible] in a [illegible] of the [illegible] of [illegible] ...

No. 480

Jan. 3d 90

My dear Sir,

Your parcel is here and the following is my determination of the sp[illegible].

1 = C. corrugatum of my Catalogue.

2 = A. [illegible] var. canescens nearly.

3 = C. sepium. The type & see acute bracts.

4 = L. [illegible]. Specimens very fine.

5 Correct. Erigeron acris var. Drœbachensis.

6 Astragalus Canadensis (Correct)

7 = Apocynum Cannabinum var. hypericifolium,

8 Erysimum asper[illegible]. (not the variety)

9 Physostegia parviflora, Nutt.

10 Correct = Sisymbrium canescens.

11 Erysimum cheiranthoides (S. linifolium is a perennial)

12 Correct = Polygonum Convolvulus.

13 Antennaria dioica = 14

15 Comandra pallida (Correct)

16 Astragalus hypoglottis (Correct)

17 Correct = my var. Douglasii

No. 490

Jan. 27 90

My dear Sir,

Baron [illegible] is here and the following is my determination of his species.

1 = C. [illegible] of my Catalogue.
2 = O. [illegible] and Lawrenceana nearly.
3 = C. [illegible]. The type & the [illegible].
4 = L. [illegible]. Specimens very fine.
5 [illegible]. [illegible] [illegible] var. [illegible].
6 Cattleya Lawrenceana (Ernest)
7 = [illegible] [illegible] [illegible],
8 [illegible] [illegible]. (in the variety)
9 Oncidium [illegible] [illegible].
10 Ernest = [illegible] [illegible].
11 [illegible] [illegible] ([illegible] is a [illegible])
12 Ernest = [illegible] [illegible].
13 [illegible] [illegible] = 14
14 [illegible] [illegible] (Ernest)
15 [illegible] [illegible] (Ernest)
16 Ernest = my Mr. Dougherd

2

18 [illegible] [illegible] var. [illegible]

19 Not Carried of my Catalogue (agrees with the [illegible] either)

20 Correct (If naturalized list has here a note of it.

21 Correct (Amarantus albus)

22 Aster multiflorus = 23 + 24

25 " commutatus (Correct)

26 Viola palustris. In general appearance it is not V. rotundifolia

27 Aster puniceus (A. patens is altogether different)

28 Xanthium Canadense (Fruit wanted) Var.?

29 Artemisia Ludoviciana (one of the forms)

30 Bouteloua oligostachya

31 Atriplex patula var. hastata

32 Oxytropus Lamberti (The dark haired calyx is not [illegible])

33 Silybum marianum (Correct)

34 Solidago nemoralis (S. puberula is less pubescent)

35 Ambrosia trifida (Both sheets are the same)

36+37 Aster ericoides

38 Onosmodium Carolinianum Var. molle (O. carolinianum is quite different.

39+40 Amarantus paniculatus (This species varies very much)

41 Aster [illegible]? I am doubtful of this.

2

18 [illegible] [illegible] [illegible]

19 [illegible] [illegible] [illegible] [illegible] ([illegible])

20 Correct ([illegible] [illegible] [illegible] [illegible] [illegible])

21 Correct ([illegible] [illegible])

22 [illegible] [illegible] = 23 + 24

15 " [illegible] (Correct)

16 [illegible] [illegible]. [illegible] [illegible] It is not [illegible]

17 [illegible] [illegible] ([illegible] is altogether different)

10 [illegible] [illegible] ([illegible] [illegible]) [illegible]?

9 [illegible] [illegible] (one of the forms)

1 [illegible] [illegible]

1 [illegible] [illegible] var. [illegible]

2 [illegible] [illegible] (The dark [illegible] [illegible] is [illegible])

3 [illegible] [illegible] (Correct)

1 [illegible] [illegible] ([illegible] [illegible] [illegible])

1 [illegible] [illegible] (Both alike or the same)

1 [illegible] [illegible]

[illegible] [illegible] [illegible] var. [illegible] ([illegible]

[illegible] quite different. (This species varies very much)

[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible]? I am [illegible] [illegible] [illegible]

3

Lilybum Macounuus was collected by me two years since at Nanaimo Vancouver Island. I am putting it in the addendum.

I carefully examined all the specimens and all are correctly named except possibly the last. I wrote Dr. Watson yesterday about the Botrium.

Very truly yours
John Macoun

Thomas L. Walker
15 Mack St.
Kingston
Ont.

P.S. Prof. Macoun took from your sheets specimens of [illegible], [illegible], and [illegible]

[illegible].

…phyllum specimens were collected by me
two years since at [illegible] Island. I
am sending it in the addressee.
I carefully examined all the specimens
and all are exactly named [illegible]
last. I wrote Dr. Watson yesterday about the
Bacterium.

Very truly yours
John Macoun

[illegible] A. Walker
15 Market St.
Kingston
Ont.

1. Prof. [illegible] with your sheets
[illegible], [illegible]
Shall.

No. 451

Jan. 7th 90

Dear Dr. Kindberg

Since I wrote last I have received your cards of Dec. 5th, 9th & 21st besides the Enumeration and letter of Dec. 12th. For all these accept my very sincere thanks. Our Accountant will send the P.O. order for the Enumeration on the 15th inst.

I am very much delighted with the additions of the past year. Every package adds something new. I am now compiling a list of British Columbian Mosses for publication in which all the new species from the coast will be published as I am afraid you may be forestalled by Ren. & Card. When the completed enumeration is published you will have a chance to revise all the species for there we will publish a description of every new species in its proper place

I have written Mrs. Britton and I have no doubt but that she will write you concerning the several points raised about certain species. It is now certain that I will be in the mountains again next

Jan. 7th 91

Dear Mr. [illegible]

Since I wrote last I have received your card of Dec. 5th, of the 27th besides the communications of Oct. & Dec. 12th. For all these accept my very sincere thanks. Our [illegible], will send the P.O. order for the [illegible] on the 15th inst.

I am very much delighted with the collection of the past year. Every package [illegible]. I am now completing a list of [illegible] for publication in which all the new species from the [illegible] will be published as I am afraid you may be forestalled by [illegible]. When the [illegible] is published you will have a chance to name all the species [illegible] very probably a [illegible] of many new forms in the [illegible] place.

I have written Mr. [illegible] and I have no doubt but that he will write you concerning the [illegible] [illegible] about [illegible] species. It is now certain that I will be in the mountains again next

2

summer. My plan of work will be between where I was last year and where I was in 1885. As the first mosses and the last mosses you received will be connected.

As the matter now stands the moss flora is increasing so rapidly and another year of collecting in a new field before me I think I will not try to complete the Moss flora this winter but publish at once all the new species and varieties and expect and hope that you will be well satisfied with the postponement as we will certainly have 40 additional species next year.

Thanks for the revision of certain numbers on your last card received today. By this mail I send you over 70 packets. These complete the Ottawa collections and have mostly been sent before but you can make use of them by exchange. During the remainder of the winter I will send you odds and ends as I make progress in my work of arranging the species for publication.

11

2

summer. My plan of work will be between what I was last year and what I was in 1889. As the first number and the last number you received will be commented.

As the monthly never [illegible] the mean form is increasing so rapidly and according you I calculating in a new field before me I think I will not try to complete the new plan this winter but partially at once all the new species and varieties and correct, and hope that you will be well satisfied with the improvement. We are now entirely [illegible] to substitute new species next year.

Thanks for the receiving of Entomolog. Nachr. on your last card "Lucanus" listing. Of this insect I had you over 70 specimens. ~~Please complete the [illegible]~~ collection and have ... with them and before but you can make me a letter by exchange. Knowing the numbers of the insects I will send you all not only as I might happen in my work of arranging the species for publication.

3

In your list of Canadian mosses examined by you, you have not Racomitrium affine Lindb. and R. Etteanum Lindb. The first represents No. 620 & 622 while the latter is 625. of the series of 1866. Are these good species?

The days have begun to lengthen and we have more light and generally bright sunshine. I hope you have the same.

Will I do the same next summer as I did last and send you promiscuously the common and easily known species with those I do not know or will I only send the doubtful ones?. The cost to me is nothing so your answer will be your own consideration.

With kind regards and best wishes
I remain yours very sincerely John Macoun

P. S. Did you ever send your Photo? and did you get mine? If not I will send one as a New Years gift.
J. M.

Prof. S. O. Lindberg Helsingfors.
Sweden,

3

In your list of Canadian arms received by you you have not [illegible] [illegible] and Dr. [illegible] [illegible] [illegible] No. 620 & 622 while the date is 25th of the month of [illegible]. Are these good species?

The days have begun to lengthen and we have more light and generally bright weather. I hope you have the same. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

Ch. [illegible]

M2452

Jan. 2^d 90

My dear Sir

Your note with enclosure came today. Please accept my best thanks for your prompt-ness, certainly you were not neglectful.

My report on the Canadian Liverworts is now going through the press. It is the work of Mr. Pearson of Manchester England and includes all known Canadian forms up to 1887. One hundred and sixty five are catalogued. Twelve plates are being printed with the paper. I will send you a copy in spring.

Very truly yours
John Macoun

Mr. George L. Smith
~~State~~ Normal School
Baltimore
Maryland.

Jan. 9th '90

My dear Sir,

Your note with enclosure came today. Please accept my best thanks for your promptness, certainly you were not neglectful.

My report on the Canadian Government is now going through the press. As to the work of Mr. [illegible] of [illegible] regard and includes all known Canadian [illegible] up to 1887 are translated and bibliographies are catalogued. The plates are being printed with the papers & will send you a copy in spring.

Very truly yours,
Jules Marcou

Mr. George L. Smith
State Normal School
Baltimore
Maryland.

No. 483

Ottawa Jan. 8th 90

Dear Sir
I expect to leave Ottawa for the field about April 15th. and before that time I wish to see Part. V of my Catalogue through the press. Can you set 80 to work on it at once? The MS is ready as is that of my Catalogue of birds

Yours truly
John Macoun
Ottawa

Mr. Richd. White
Gazette Office
Montreal

No. 4[illegible]3

Ottawa Jan. 9th 90

Dear Sir

I expect to leave Ottawa for field about April 10th. Were to [illegible] time I wish to see Part II of Catalogue [illegible] the press. Can [illegible] not go to work on it at once? MS is ready as it that I [illegible] catalogue I think.

Yours Truly
John Macoun

Rich. White
Gazette Office
Montreal

No464

Jan. 8th 90

Prof. Wesley Mills

Dear Sir.

I did not answer your note of Nov. 22nd because I could not promise you my vote but I spoke to Dr. G. M. Cameron who was about to make a like promise to another that he had better wait until he heard of your candidature.

A few days after your note came. While not voting for you I assure you that if there was any doubt of your want of success I would most assuredly vote for you. I am proposing Mr. J. B. Denis of this office but only to place him in the field for the future. If there should be a vote necessary to elect you mine will be given unasked. As there are, as far as known, only two candidates in the field you may expect at least fifteen votes,

Very truly yours John Macoun

Jan. 3rd 90

Prof. Whitney

Dear Sir.

I did not answer your note of Nov. 22nd because I could not promise you my vote but I spoke to Dr. C. M. Carson who was about to make a like promise to another that he had better wait until he heard of your candidature.

A few days after your note came. While not working for you I assure you that if there were any doubt of your want of success I would most assuredly vote for you. I am proposing Mr. J. D. Lewis for the office but only to place him in the field for the future. If there should be a vote necessary to elect your name will be given unmarked. As there are, as far as known, only two candidates in the field you may expect at least fifteen votes.

Very truly yours

No. 455

Dec. 8th 90

Dear Prof. Bessey

Your note and fine photograph came in due time and I thank you very much for your kind remembrance and desire for my Photo.

I have given instructions to have a number finished off and will send you one (Cabinet size) so soon as received.

Am very busy working up last year's collections.

Very truly yours
John Macoun

Prof. Charles E. Bessey
University of Nebraska
Lincoln
Nebr

No. 455

Dec 8th 90

Dear Prof. Bessey

Your note and fine photograph came in due time and I thank you very much for your kind remembrance and desire for my photo. I have given instructions to have a number finished off and will send you one (Cabinet size) as soon as received.

Am very busy working up last year's collections.

Very truly yours
John Macoun

Prof. Charles E. Bessey
University of Nebraska
Lincoln
Nebr

No. 456

Dec. 8th 90

Dear Dr. Burgess

The manuscript and your note came yesterday. I have looked through the manuscript and find it first class and see no cause to make any change except to keep it in line with what is already printed. I will strike out no citations and may put in some you have crossed out.

I will get two sets of proof and send one to you with the manuscript while I examine and return the other to the printer. When the second proof comes back yours will be in my hands, then it will be returned paged and the last proofs sent to you. There will be no Proofs this time and the work will be done as your desire.

As far as possible I will obey your wishes regarding the citations. When you see the proof make all the suggestions and changes you choose and they will be attended to. Thanks for the notes on Equisetums. S. H.

No. 156

Dec. 8th 10

Dear Dr. Vaughan

The manuscript and your note came yesterday. I have looked through the manuscript and find it first class and see no cause to make any change except to lick it in line with what is already printed. I will strike out no citations and many foot-notes since you have crossed out.

I will get the rest of proof and send me to you with the manuscript which I am [illegible] and return the other to the printer. When the second proof comes back yours will be in my hands then it will be returned paged and the last proof sent to you. There will be no Errata [illegible] and the whole will be done as you desire.

As for the [illegible] we [illegible] your wishes regarding the Citations. When you see the final proofs [illegible] the suggestions and changes you desire and they will be attended to. Thanks for remarks on [illegible]. [illegible]

No 457

Ottawa Jan 9th. 89

Dear Sir

Herewith I return your list of plants the marked numbers indicate those we have in our herbarium. If the numbers of the others be not too small I would be glad to have you send them to me. Send your sets in duplicate

Yours truly
John Macoun
[illegible].

Mr W. N. Suksdorf
White Salmon
Wash.

No. 458

Jan. 8th 90

Dear Mr Britton

Your notes of December 26th & 27th came in due time but owing to various reasons I deferred answering your letters until now.

Since I wrote I have heard again from Kindberg. This time he reports both new species and varieties as well as others new to Canada. My Canadian list of species and vars. now equals 743. Kindberg desires you to communicate with him and he will answer you fully regarding the species that you consider doubtful. He is very desirous that the bottom should be reached.

Your Thamnium ~~thamnoides~~ is certainly an Isothecium and very likely I. Cardoti or myurellum as you ~~say~~. I send a specimen of I. Cardoti collected ~~this~~ last year.

It is curious that both you & Kindberg have the same opinions now about the value of Webera carnea & pulchella. I have forwarded all your specimens to Kindberg and asked him to communicate

No. 458

Jan. 8th 90

Dear Mrs Britton

Your notes of December 26th & 27th came in due time but owing to various reasons I deferred answering your letter until now.

Since I wrote I have heard again from Kindberg. This time he reports both new species and varieties as well as others new to Canada. My Canadian list of species and var. now equals 773. Kindberg desires you to communicate with him and he will answer you fully regarding the species that you consider doubtful. He is very desirous that the matters should be reached.

Your Thamnium Macounii is entirely an Isothecium and very likely I. Cardoti a var. [illegible] as your fig. I send a specimen of I. Cardoti collected last year.

It is curious that both you & Kindberg have the same opinion now about the value of [illegible] [illegible] & [illegible]. I have forwarded all your specimens to Kindberg and asked him to communicate

2

with you.

Pearson has always spoken in the highest terms of Austin and his work and certainly looks upon him as a master. I knew Austin was a worker in the closet as well as a collector and if he did not know every species on sight he knew when he did not know and left the matter in abeyance. I knew Austin long enough to learn he was a genuine naturalist and keen observer.

Kindberg is now wrestling with Brachythecium lactum and thinks my specimens distributed as such are something else.

I have read carefully your letter of the 25th and as far as I can see at present agree with you in believing that I. myosuroides, spiculiferum, stoloniferum, acuticuspis, aggregatum, aplocladum and lentum are all forms of one species but I keep I. Brewerianum apart as well as Cardotii and myurellum and your thamnioides. My Thamnium ~~thamnioides~~ is a true Thamnium as I understand it.

2

with you.

Pearson has always spoken in the highest terms of Brewster and his work and certainly looks upon him as a master of Fern- Brewster was a worker in the closet as well as a collector and if he did not know every species on sight he knew where he did not know and left the matter in abeyance of Fern- Brewster being enough to know he was a generous enthusiast and fern student.

Nothing is more puzzling with [illegible] labels and [illegible] my specimens distributed as such as something else.

I have read carefully your letter of the 24th and as far as I can see at present agree with you in believing that A. [illegible], spinulosum, dilatatum, intermedium, aggregatum, [illegible] and Boottii are all forms of one species but I keep A. Goldianum apart as well as Cristata and Thelypteris- Noy Thelypteris Noveboracense is a true Noveboracense as I understand it.

3

Remember I have seen all these forms grow-
-ing and have seen I. myosuroides under the conditions
of fog and wind and could have collected specimens
a foot long and more but in no case did
the three species I mentioned even take the form
of Myosuroides. I grant you that they are
all closely allied forms but cannot agree with
you ~~that~~ all ~~forms~~ are forms of one species
and only changed by wind and fog. If you
choose next year I will collect big mats of these
where wind <u>never</u> blows and fogs seldom come
I mean in the forests of the Lower Fraser B.C.

Though disagreeing with you in part
I am quite sure you are right in part if
not in the whole of your sweeping conclusions
but being Conservative I say "make haste
slowly"

Mrs E. Britton
Columbia College
New York

Very sincerely yours
John Macoun

3

Remember I have seen all these forms grow-
ing and have seen S. nymphaeoides under the conditions
of fog and wind and could have collected specimens
a foot long and more but in no case did
to these species I mentioned ever take the form
of nymphaeoides. I grant you that they are
all closely allied forms but cannot agree with
you that we ~~[illegible]~~ are forms of one species
and only changed by wind and fog. If you
were here next year I will collect big ones of these
where wind never blows and fog seldom ever
comes in the forests of the Queen Chas. B.C.

Though disagreeing with you in but
one point here you are right in part if
not in the whole of your describing conclusion
but being Conservative I say "make haste
slowly."

Very sincerely yours
John Macoun

Dr. [illegible]
[illegible]

No. 457

Ottawa Jan. 9th 89

Dear Sir

In reply to your card of the 2nd inst. I would say that while I would be very pleased to exchange with you I fear that during the coming months before I begin field until that I shall have no time to get out specimens. I make most [illegible] wishes to be not quite so busy

Yours Truly
Jas. M. Macoun

Dr. J. H. Oyster
Paola
Kansas.

Ottawa Jan. 9th 89

Dear Sir

[illegible]

Yours faithfully

Geo. M. Dawson

No. 460

Ottawa Jan. 4th 90

Dear Sir

I am preparing a Catalogue of Canadian Birds which will be published next spring and wish to make it as complete as possible. Can you send me any notes on the rare birds found by you in Manitoba. Full credit will be given you in the catalogue for any information you may send me.

Yours truly
John Macoun
[illegible]

Mr. Hine
Taxidermist
Winnipeg.

No. 461

Ottawa Jan. 9th 90

Dear Sir

I am getting ready my MS. for the Catalogue of Canadian Birds and will be glad to have the notes you promised me whenever it is convenient for you. I hope to have the Catalogue through the press by March. 15th.

Mr. John Brittain
Petitcodiac
N.B.

Yours truly
John Macoun
[illegible]

[illegible]

[illegible] Square 29

Dear Sir

I am getting ready an MS. for the Catalogue. I commence [illegible] week to [illegible] to have the order for promise and attention of it [illegible] for you. I hope to have the Catalogue ready the first of March. 15th.

Mr. John [illegible]
Pittsburgh
N. Y.

Yours truly
John [illegible]
[illegible]

No. 462.

Ottawa Jan. 9th 97

Dear Sir

I am about to publish a Catalogue of Canadian Birds in which I propose giving the localities in which the same species are found. I know that you have collected birds on the west coast that have been noticed by no one else and if you could give me a list of such birds you would be given full credit for it in the catalogue.

Yours truly

John Macoun

Natlst.

Mr. John Fannin
Victoria
B. C.

Ottawa Jan. 15th 90

Dear Sir

In reply to your card I have sent you to-day my check-list of Canadian [illegible]. The price is 50 ct. I shall publish a supplement in a few months which will be sent you. It is my father Prof. John Macoun who is distributing Canadian mosses, no list of these has been published but I procured from him a set of his labels which I enclose with the catalogue. They need not be returned. The mosses are distributed in centuries at $8.00 per century

Yours truly
Jas. M. Macoun

Mr. C.H. Demetrio
Emma
Saline Co.
Mo.

No. 662

Ottawa Jan. 13th 90

Dear Sir

I have sent you registered post to-day a portion of my MS and enclose herewith a sample page of the Catalogue that the type setters may make no mistake about the type to be used.

Yours Truly

John Macoun

[illegible]

Mr. Robt. White

Montreal

Que.

No. 465

Ottawa Jan. 14th 90

Dear Sir

Your letter of Dec. 30th was duly received and would have been answered long ago but I like nearly every one else here have been attacked by "La grippe". The M.S. of part V of my father's catalogue has been sent to the printer and in about a week the first proof will be sent to us so your notes can be used if sent before then. The catalogue of Hepaticae is being [illegible] which has used the mosses will follow the order of us. My father will follow the nomenclature also many genera and their [illegible] few exceptions.

Yours truly
Jas. M. Macoun

J. Dearness London Ont.

No 466.

Ottawa Jan. 18th 90

Dear Sir

Your letter was duly received and the checklist sent you a day or two ago. I have seen our librarian and while according to the regulations of our Dept. the publications of the Dept. cannot be sent to private individuals unless paid for, I have had him send Prof Macoun's Catalogue of Canadian Plants to the Colorado Horticultural Society. See if you will find at least a portion of the information you ask for concerning introduced species. Since the publication of the earlier parts much data has accumulated and I shall be glad to send you notes on any particular species you may write & if there be

anything new to say.
Aralia spinosa is not found in Canada

Yours truly
Jas. M. Macoun

Mr. A. D. Selby
1242 Hunter St.
Columbus, Ohio.

No. 467

Jan. 18th 90

Dear Dr. Watson

Your kind letter with notes reached me a few days since and I thank you very much for them. I am glad to hear your explanation about S. calycanthus. L. borealis should be better described. I am glad you made the Astragalus lentiginosus A. Beckwithii as that was what you and I named it in 1876, while I was at Harvard. The Rubus I name leucodermis & strigosus was growing with them and was evidently a hybrid. L. Oreganus was a mistake for L. Nuttallii as I remember when you changed the name of the western [illegible]. I will try and get fruit of my Lupinus laxiflorus next summer as I am going to British Columbia in spring. Draba borealis was Britton's name. Last winter he asked me for all my forms of Spergularia and I sent him down the mounted series. He was working up the whole genus for publication. When he sent the specimens back the name was

No. 417

Jan. 17th 90

Dear Dr. Watson

Your kind letter with notes reached me a few days since and I thank you very much for them. I am glad to have your explanation about L. [illegible]. L. [illegible] should be better described. I am glad you made the [illegible] [illegible] C. [illegible] as that was what you and I named it in 1878, while I was at Harvard. The [illegible] I [illegible] [illegible] + [illegible] was growing with them and was evidently a hybrid. L. Oregonus was a mistake for L. [illegible] as I remember when you changed the name of [illegible] [illegible]. I will try and get fruit of my [illegible] [illegible] next summer as I am going to British Columbia in spring. [illegible] [illegible] was [illegible] name. Last [illegible] he asked me for all my forms of [illegible] and I sent him [illegible] the [illegible] [illegible]. He was working up the whole genus for publication. When he sent the specimens back the name was

2

on the sheet without any author's name after it. The Rosa numbered 1–4 are as you say forms of R. pisocarpa in my opinion but they differ in this point – the flowers grow singly. I never saw true pisocarpa in its native habitat with single roses in every case they grew in bunches. If that is a character of R. pisocarpa it holds good both on Vancouver Island and British Columbia.

Epilobium wants revision very badly. I have a number of forms I can do little with. Coulter & Rose have examined our Carum stolonifera and Gairdneri. Out of the prairie form they make a new species C. Baileyi. No new Umbelliferae this year. Scribner has all my grasses of last season now under consideration. Renauld & Cardot have examined many of Kindberg's new species and confirmed the greater part and made other new ones.

Very sincerely yours
John Macoun

Dr. Sereno Watson
Cambridge Mass.

2

on the sheet without any author's name after it.
The [illegible] Numbers 1-4 are as you say forms of the
[illegible] in my opinion but they differ in the
point — the former being smaller. I never saw the
[illegible] in its native habitat with single [illegible]
in every case they grow in bunches & that is
a character of the [illegible] it holds good both on
Vancouver Island and British Columbia.
[illegible]
Lastly, I have a number of forms I saw at Lake
with [illegible] & [illegible] have examined on [illegible]
[illegible] and [illegible]. But of the species given
they make a new species. [illegible] no-
[illegible] [illegible] by all my [illegible] of
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] new-
species and [illegible] [illegible] made
[illegible] [illegible]
[illegible] very sincerely yours
[illegible] [illegible]

No. 467

Jan 18th 90

Dear Mr. St. Cyr.

The catalogue of Birds came in due season and I tell you frankly I was surprised to see it. It is a very great credit to your province and like all the work you have been doing will live after your death. It is such work that should be appreciated as it is the work that stands.

Later on when I begin to use it I will see if there are any points that I can criticise unfavorably. At present I see none.

Would you kindly send up your list and notes of localities of the Ferns and their Allies. Part of the copy is now in Montreal and the proof may come back at any time.

Very sincerely yours
John Macoun.

D. N. St. Cyr M.P.
Dept. of Instruction
Quebec.

No. 18?

Jan 9th 90

Dear Mr. W. Legge.

The Catalogue of Birds came in due course and I tell you frankly I was surprised to see it. It is a very great credit to your learning and to all the work you have been doing since long after your death. It is such a work that should be appreciated as it is the work that stands.

Later on when I begin to use it I will see if there are any points that I can criticise personally. At present I see none.

Would you kindly send me your list and notes of localities of all Ceylon and their collection. One of the copies is now in Stockholm and the party away some back at any time.

Very sincerely yours
Ethan Thomson

W. V. Legge R.A.
Dept. of Instruction
Quebec.

110469

Jan. 16th 90

Dear [illegible],

[illegible]

[illegible] I only want a list of names from you in their proper order and any notes about Canadian forms other than you had from me.

I have quite a lot of duplicate specimens of Chara and if you so desire I will send the whole to you and receive back a set of all those I desire for my own collection.

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I have very few that you have not seen but still the old material may show something different from what you searched before.

As soon as I hear from you I will send down the whole lot of your wants.

Very truly yours

John Mawson

J. P. Allen M.D.

10 East 36th Street

New York.

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I have only just this you have not seen but
the old ... may ... something
different from what you remember before.
As soon as I hear from you I
will send down the whole lot of your work.

Very truly yours
Alfred ...

C. R. Allen M.D.
10 East 26th Street
New York.

No. 440.

Jan. 16th 90

Dear Mr. Ellis

I have not written for a long time as I have been so busy with my other work I never opened my fungi. You remember some of those I obtained in spring were new and others were interesting and of some you wanted a quantity. Please look over the list and let me have the numbers of those you want in quantity or more of and I will send them down shortly. I collected a few more after I ceased to write them I will send down with the others. Century No 18 has been out some time. I will send it likewise. I never saw the Mycological Journal or Bulletin since the March number. If you have them please send them to me.

Very sincerely yours
John Macoun

J. B. Ellis Esq.
Newfield
New Jersey

No. 170.

Jan 16th 90

Dear Mr. [illegible]

I have not written for a long time as I have been so busy with my other work I [illegible] [illegible] my [illegible]. Your [illegible] [illegible] I [illegible] [illegible] [illegible] and other were interesting and I [illegible] your [illegible] a [illegible]. Please [illegible] [illegible] the list and let me know the names of those you [illegible] [illegible] as some of [illegible] I will send [illegible] [illegible]. I collected a few [illegible] after I [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. I [illegible] [illegible] [illegible] I [illegible] [illegible] the [illegible] [illegible] a [illegible] [illegible] the [illegible] [illegible]. If you have these please [illegible] them. [illegible]

Very sincerely yours
Alfred [illegible]

[illegible] Esq.
[illegible]field
New Jersey

...Should you change
...my name kindly give
...the locality as well.
Macoun.

No. 71

Ottawa Jan 11th 90

Dear Sir

Your letter of the 1st inst. was
duly received and would have been answered
before but a slight attack of "la grippe" has
confined me to the house for the past week.
I asked our Librarian to send you part IV of
Prof. Macoun's Catalogue when your letter was
received and he tells me to-day that he
never done so. Had your letter reached me but
a week sooner I could have sent you a
really good series of our Asters and Solidagos
as we had a large stock of duplicates collected
in the Rocky Mts and British Columbia during
the past three seasons, but I have been dis-
tributing plants since my return from the field
and had just reached Erigeron when your

[illegible]

[illegible]

Ottawa January 20

Dear Sir

Your letter of the 1st. inst. was received [illegible]

[illegible]

I have known your own ... [illegible]
the same. I have known [illegible]
[du]plicates and send you to-day such specimens
as we have and while they are far from good
this may be some that will interest you. I
shall collect in Brit. Columbia during the coming
season and will send you a set of Asters
and Solidagos when I return to Ottawa next
fall. I enclose a list of U.S. Asters and
Solidagos of which we have no good specimens
and I would be glad of any of these in
exchange for those I am sending. Should you
notice any determinations that you think in-
correct I shall feel much obliged if you
will write me of them. What do you make of
the little aster from [Three rock lake?]. Would you
make it A. [illegible]

Yours truly
Jas. M. Macoun

Mr. E. S. Burgess
Dept. of Nat. Science
Washington [High] School
Washington D.C.

No. 472

Jan 17th 90

My dear Madam

Since I wrote I have had a long letter from Kindberg who has had many of our new things submitted to him the second time. These he sent to Cardot and he and Renauld have reported. I am glad to say that the new species mostly stand and other new ones are made.

Cardot reports as follows.—:

311 Fontinalis tenella Ren. & Card. n. sp.
293 Leskea Wollei Aust.
145 Hypnum thamnioides Kindb. = Stoloniferum
165 " lanceolatum, Kindb. = Roellii Ren & Card.
178 Thamnium Columbicum Kindb. = neckeroides Hook. +
245 Hypnum laevigatum, Kindb. = Jamesii, Lesq. & James. +
261 Gymnostomum platyphyllum Ll.
304 Bryum Ontariense, l.c. +
281 Grimmia Columbiae l.c.
697 Brachythecium leptophyllum l.c.
212 Platygyrium repens l.c. +
326 Brachythecium Rotaeanum De Not.

My dear Madam June 9th 90

Since I wrote I have had a long letter from [illegible] after his bad [illegible] of our [illegible] [illegible] to him the second time. [illegible] he sends the [illegible] and he and [illegible] have agreed. I am glad to say that the new [illegible] many as [illegible] and other new ones are [illegible].

[illegible] agreed as follows:—

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] = [illegible]

[illegible] " [illegible] [illegible] = [illegible]

[illegible] [illegible] [illegible] [illegible] = [illegible] +

[illegible] [illegible] [illegible] [illegible] = [illegible] +

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] +

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] +

[illegible] [illegible] [illegible] [illegible]

435 Hypnum Lindbergii. Many others have been confirmed. The Campylia are still under examination but my C. nevadense is made a new species by Ren. & Card. It is C. dolosum R. & C.

Canadian Musci No. 280 = Nuttallii (Ren. & Card.)

" " No. 277 = Amoenum Milde (Ren. & Card.)

Kindberg says that C. [illegible] does not agree with C. [illegible].

Canadian Musci 206 = C. [illegible] not [illegible].

Kindberg seems puzzled over [illegible] and says all mine is very likely H. [illegible]. What do you think

You see then that new species are flowing in as lively as ever and I am quite sanguine of getting 20 more next season.

Your ideas regarding the Thamnium are about correct and it is an Isothecium as you will see Cardot makes it I. stoloniferum. Later devel-

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-opments may include Cardoto. & [illegible] in the same species.

I am working hard on Part V which is only going to include the ferns and their allies and the Characeae.

Part VI will come out next winter and will contain Musci & Hepaticae.

I send a few of the new species for your consideration.

In the course of the winter I will get out all the new species but I am going slowly as I have so many irons in the fire.

Kind regards to Mrs. Britton

Very truly yours
John Macoun

Mr. E. N. Britton
Columbia College
New York.

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[...]ments may include [illegible], & suggestions as to the same species

I am working hard on Part V which is only going to include the genus and their allies and the Achatinellinae.

Part VI will come out next month and will contain [illegible] & Helicidae.

I send a few of the new species for your consideration.

In the course of the month I will get out all the new species but I am going slowly as I have so many irons in the fire.

Kind regards to Dr. Britton

Very truly yours
Gabriel Marcus

Mrs. E. G. Britton
Columbia College
New York.

No. 473

Jan. 17th 98

My dear Sir,

I have just heard from Mr. Watson. You are right in thinking the difficult plant Boltonia asteroides, L'Her.

My opinion was that it was a Boltonia but not B. asteroides. Watson says it is far out of range.

Very truly yours
John Macoun

Mr. Thos. E. Walker
15 Mack St
Kingston.

June 12th 90

My dear Sir

I have just heard from Mr Watson
You are right in thinking the different
plant [illegible] authorities at Kew.
My opinion was that it was a [illegible]
but not the [illegible]. Watson says it is
far out of range.

Very truly yours
John [illegible]

Mr. Thos. R. [illegible]
15 [illegible] St
[illegible].

No. 474

Jan. 17th 91

My dear Sir

Your letter of the 7th inst. was received in due time and I was glad to learn that you could give us some assistance in our work.

Any notes you can send of the occurrence, nesting habits, character of nest or any other interesting matter pertaining to any of our birds will be thankfully received and published to your credit in exactly the same way as I did in my Catalogue of Canadian Plants. Your local list of the birds of Elgin Co. will therefore be in order and will be entered just as you write it.

I have the Catalogue partly written and have over 600 forms on my books. Last season we shot no less than four species of Humming birds in British Columbia so that we have at least five species in the Dominion.

Very truly yours
John Macoun

J. L. Farley Esq.
Valley View Villa
St. Thomas Ont.

Harvey

Jan. 17th 91

My dear Sir

Your letter of the 9th inst. was received in due time and I was glad to learn that you could give me some assistance in our work.

Any notes you can send of the occurrence, nesting habits, character of nest or any other interesting matter pertaining to any of our birds will be thankfully received and published to your credit in exactly the same way as I did in my Catalogue of Canadian Plants. Your long list of the birds of Algoma will therefore be in order and will be entered just as you write it.

I have the Catalogue partly written and have over 600 species on my books. Last season we added two new species of Humming-birds in British Columbia so that we have at least five species in the Dominion.

Very truly yours
John Macoun

[illegible] Esq.
[illegible]
[illegible] Ont.

No. 475

Ottawa Jan. 18th 90

Dear Sir

We were glad to learn from your note that you had now leisure to look over our plants and will await with interest your notes on them. I have sent you another packet to-day in which the specimens we are in doubt about are

Fragaria vesca
Potentilla Pennsylvanica var. strigosa
Saxifraga Leucanthemifolia? var.
—— reflexa
—— stellaris

These may be thus incorrectly named, if so any corrections you may make will be greatly valued. We are getting ready so much matter for the press and expect to leave for the field so soon that I fear I shall not get much further with my distributions. I have been striving for some winters to get our duplicates distributed and never got through the Polypetalae before. I shall probably be on

the more before I reach the grasses and carices
of which we have many thousands of specimens.
My father and myself will work in British Columbia
this next year and should you or any of the
gentlemen connected with your museum wish
natural collection in special genera or other
[illegible] be pleased to make free series
of specimens

Yours Truly
Jas. M. Macoun

Dr. Theodore Holm
National Museum
Washington DC

No 476

Jan. 21st 90

My dear Madam

Your kind note reached me yesterday and I thank you very much for it. Your correspondent is a collector by purchase but not a scientist in the higher sense in my opinion. He can get specimens from me in only one way that is by buying a Century. We exchange no mosses and I will sell no selections. I will not communicate with him until he writes me.

I thank you much for your note to Prof. Barnes If he collected, arranged, studied, examined and ticketed one Century and charged by the hour he would work for small pay. In fact I do not put them up for pay but I am going to sell and not give away any of the mosses. Depend upon it you are going to stir a number of gentlemen up and they will find their laurels fading before very long, except they

No 476

Jan. 21st 90

My dear Madam

Your letter reached me yesterday — and I thank you very much for it. Your correspondent is a celebrity by profession but not a scientist in the higher sense in my opinion. He can get information from me in only one way that is by buying a [illegible]. We exchange no money and I will hold no relations. I will not communicate with him until he writes me.

I thank you much for your note the Professors of the celebrated University of Zurich, examined and tested me lately and charged by the hour he earned [illegible] for about [illegible] days. In fact I do not [illegible] up for play but I am giving [illegible] and not [illegible] any of the money. [illegible] if you are going to [illegible] and they [illegible] their [illegible] before they [illegible]

2

make more and do better than they have for the past two years.

Another card from Hindley. He names a few of Drummond's mosses. I am very much astonished at Sieg. & James, they never took up one of his interesting mosses and even when they did confused them. I will get them sorted out yet although it is going to be slow work. Today I send to Dr. Britton one hundred of the Rocky Mountains and will send list of mosses. I have put in the descriptions of the new species and varieties when I have them, the new Grimmias will not all be described until Hindley has more complete specimens. Please look over the list and demand to Dr. Britton and let me know how many of them you have never received from me. I will try and complete the set.

Very truly yours
John Macoun

Dr. E. G. Britton
Columbia College.

No. 477

Jan. 23d 90

Dear Dr. Merriam

Your letter of the 15th inst. reached me yesterday and today we send the box of skins. I am glad to learn that the reptiles arrived in safety and that they will be examined and named.

I am sending down all our mice and shrews so that you may examine the whole series. Please, after examination, send me back a pair of each species except where are only two in which case keep one and send me one. Where there is only one specimen please return it. Write the name on the tag when examined.

Of the other mammals sent down keep all except the small bat and the Flying Squirrel. Report on the mammals by the pencilled number on the margin of the tag ~~numbers~~, as I have duplicates. Please return all the bird skins as they are only sent for identification. If you change any names write on the reverse side of the tag.

The long shrews are from Burrard Inlet at the coast, Agassiz 70 miles inland, Kamloops 250 miles inland

No. 457

Jan. 23rd 90

Dear Dr. Merriam

Your letter of the 18th inst. reached me yesterday and today we send the box of skins. I am glad to learn that the skulls arrived in safety and that they will be examined and named.

I am sending down all our mice and shrews so that you may examine the whole series. Please, after examination, send me back a pair of each species except those we only have two in which case keep one and send me one. Where there is only one specimen please return it. Write the name on the tag where necessary.

Of the other mammals sent down keep all except the ermine bat and the flying squirrel. Report on the mammals by the paralleled numbers on the margin of the list numbers as I have duplicates. Please return all the bird skins as they are only sent for identification. If you change any name write on the reverse side of the tag.

The only stations are Fort Chimo [illegible] Inlet at the Coast, [illegible] 70 miles inland, [illegible] 250 miles inland

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and Sicamous 350 miles inland in the Gold Range.

We will likely be in the mountains next summer and will be able to do better. When you return the specimens you might note those you particularly desire. I am going to collect fish in the waters of the Upper Columbia and the mountain streams emptying into it next summer and would be glad to know what kind of nets to take and where they could be procured. From this time forward I am going to collect fish every summer and will make a point of getting a series for your museum in return for the determination of them. What strength of alcohol is necessary?

No 7 Spence's Bridge B.C. May 28th 1889.

Nos 13, 14 Kamloops No 15 Agassiz, Nos. 16, 17 are also from Agassiz. Nos. 21, 22, 23 are all from Hastings Nos 26, 27 are from Agassiz.

The number returned is I believe 61 as that bottle contains two snakes from Rush Lake on the prairie

I am very glad you find the Catalogue of

[illegible] 350 miles inland in the Coast Range.

He will likely be in the mountains next summer and will be able to do better. When you return the specimens you might note those you particularly desire.

I am going to collect fish in the waters of the [illegible] Columbia and its mountain streams everything in the way of [illegible] and would be glad to know what kind of net to take and where they could be procured. From this time forward I am going to collect fish very [illegible] and will make a point of getting a series for your museum in return for the determination of them. What strength of alcohol is necessary?

No 7 Spence's Bridge B.C. May 25th 1889.

No 13, 14 [illegible] No 5 [illegible] No. 16, 17 are also from [illegible]. Nos 21, 22, 23 are all from [illegible]

No 26, 27 are from [illegible].

The numbers returned [illegible] bottle contains [illegible] from [illegible] Lake on the prairie

I am very glad you found the [illegible] of

3

Canadian Plants valuable in your work.
I am now putting Part V through the press. It includes only the ferns and their allies and the Characeae.

My son has part of the bird paper written and will complete shortly.

Mr Holmes of your Museum has had some hundreds of our duplicates for the National Museum and in course of time you may expect the greater part of the series.

We distribute our Phanogams but I have prepared four Centuries of Canadian Mosses which I sell at $8 per Century which I think ought to be in your museum. Chas. Britton, & Underwood, Watson and a number of others have them and are well pleased with them.

Very sincerely yours
John Macoun

Hart Merriam
Dept. of Agriculture
Washington D.C.

3

Considering Clark's valuable aid in your work.
I am now getting Part V through the
press. It includes only the ferns and their
allies and the Characeae.

My son has part of the [illegible] paper
written and will complete shortly.

Mr. [illegible] of your Museum has had
some hundreds of our duplicates for the [illegible]
Museum and in course of time you may expect
the greater part of the series.

The [illegible] on [illegible] but I
have [illegible] from [illegible] of [illegible]
[illegible] which I [illegible] for [illegible] which
I think ought to be in your Museum. [illegible]
[illegible], [illegible], [illegible] and a number
of others have [illegible] and are not [illegible] with
them.

Very sincerely yours
[illegible]

[illegible] Museum
[illegible]
Northampton [illegible]

No 478

Jan. 23d 80

My dear Sir

Only one of the parcels mentioned on your card reached me. From about 200 – 216 are wanting.

I have a number of species named for you but I am so busy now I cannot get at them.

By todays mail I send a set of tickets of the 4 centuries of Canadian mosses and a number of specimens. After you have ticketed your collection send me the numbers of those you have not from me or your own collecting and I will keep adding from time to time.

You are lucky about having bare ground. We have had snow since November 27th without a break.

Very truly yours
John Macoun

Mr. John Moser
Canaan Forks
N. B.

No 475

Jan. 23rd 90

My dear Sir

Only one of the seeds mentioned on your card reached me. From about 200 – 216 are wanting.

I have a number of species named for your list I see so many are wanting I cannot get at them.

By today's mail I send a set of labels of the 4 Centuries of Canadian mosses and a number of specimens. After you have labelled your collection send me the numbers of those you have not given me in your own collecting and I will help adding from time to time.

You are lucky almost having fine weather. We have had snow since November 27th without a break.

Yours truly
John Macoun

Mr. [illegible]
[illegible]
B.C.

No. 479

Jan. 23d 10

Dear Miss Cummings

Your note reached me yesterday and I now send label for No 82. I also send No. 83 which is the true G. californicum according to Kindberg. The specimen you have may be G. trichophylla.

Kindberg has enlisted Ren. & Card. and they are busy making changes, as soon as all are settled I will ask you to send me certain numbers when I will either confirm them or substitute true specimens for them. I will be sure to do this as keep the series intact.

I send part of my own specimen of S. recurvata. It is authentic. Austin named it.

206 Cynodontium subalternatum = [illegible] } changed by
280 Hypnum pinnatifidum = [illegible]

Very truly yours
John Macoun

Miss Clara Cummings
Wellesley College
Wellesley Mass.

Jan. 23rd 10

Dear Miss Cummings

Your note reached me yesterday and I now send label for No 52. I also send No 53 which is the true B. Californica according to Kindberg. The specimens you have may be B. brachyphylla.

Kindberg has returned Can. & Amer. back and they are busy making changes as soon as all are settled I will ask you to send me Cutting numbers when I [illegible] either Californica there or substitute these specimens for them. I wish to be sure to do this as high the [illegible] [illegible].

I send part of my own specimens of B. [illegible]. It is authentic. Another named it.

206 Brachythecium acuminatum = Hypnum [illegible] } changed
280 Hypnum [illegible] = [illegible] }

Very truly yours
John Macoun

Miss Clara Cummings
Wellesley College
Wellesley Mass.

No. 480.

Jan. 23d 90

Dear Dr. Merriam

I wrote you yesterday or rather this morn-
-ing but the arrival of your letter today with the
list of fishes requires an acknowledgement.

Please convey to Dr. Bean my grateful
thanks for his promptitude in naming the fish
and assure him that all the fish sent were for the
museum at Washington: I would like the description
of the new fish after it is published. Would you
kindly show Dr. Bean my note regarding directions
to take and preserve fish as I want his advice how
to do the work properly.

I believe I can spare a month on Vancouver
Island next Autumn and may collect many
fish and hence next winter would be glad to get
Dr. Bean's list after he examines my collections
of next summer. Thanks for the hint about putting
the label or ~~ticket~~ in the jar. The mammals & birds are
gone by express.

Very truly yours
John Macoun

Dr. C. Hart Merriam
Agricultural Dept. Washington

No. 480.

Jan. 23rd 90

Dear Dr. Merriam

I wrote you yesterday or rather this morning but the arrival of your letter today with the list of fishes requires an acknowledgement.

Please convey to Dr. Bean my grateful thanks for his promptitude in examining the fish and assure him that all the fish sent are for the museum at Washington: I would like the description of the new fish after it is published. Would you kindly advise Dr. Bean my wish regarding duplicates — I take and preserve fish as I want his advice how to do the work properly.

I believe Dr. Bean spent a month on Vancouver Island and Anderson and my eldest son [illegible] fish and have not [illegible] which would be glad to get Dr. Bean's list after he examines my collections I must examine. Thanks for the hint about putting a label or ticket in the jar. The [illegible] & [illegible]

Very truly yours
John Macoun

[illegible] the enclosure.
Hart Merriam
Acting Ornithologist

No 481

Jan. 23d 90

My dear Sir

Your letter of the 17th inst. and list of notes crossed my letter to you. Thanks for the notes they will be used as far as necessary this winter.

The Hookeria is Parkiana.

Part V of my Catalogue will contain the ferns and their allies and the Characeae, also an index for Parts IV & V. The addendum will contain all additions to the four parts but no new localities will be given to any that have been in our collections from Canadian localities and mentioned in those parts.

By working at mosses and Lichens next summer you would assist me very much as Part VI which will contain these will be published next winter.

Very truly yours
John Macoun

Mr. T. Walker
15 Market St. Kingston

No 481

Jan. 23rd 90

My dear Sir

Your letter of the 9th inst. and list of notes crossed my letter to you. Thanks for the notes they will be used as far as necessary this winter.

The Nomenclature is Provisional.

Part X of my Catalogue will contain the ferns and their allies and the following also are included in Parts IX & X. The Addendum will contain all additions to the former parts but no new localities will be given to any that have been in our collection from Canadian localities and mentioned in the parts.

By ordering at once and [illegible] next summer you would assist me very much as Part XI which will contain them will be published next winter.

Very truly yours
John Macoun

F. W. [illegible]
[illegible]

No. 482

Jan. 23rd 90

Dear Prof. Barnes

Your note of 16th inst. containing an Express Money order came in due course for which accept my thanks.

I cannot send you a reprint now of the descriptions published last April but they will all be reprinted next winter when I publish Part VI of my catalogue of Canadian Plants. Other new species will appear in the Torrey Bulletin very shortly. Ren. & Card. are working at my collections as well as other collections from the west coast and they will publish some of my new species in the Gazette very soon. I collected over 30 new species the past season. My Canadian collections now numbers 725 species and varieties so you see I am working hard.

Very truly yours

John [illegible]

Prof. C. R. Barnes
University of Wisconsin
Madison. Wis.

No. 482

Jan. 23rd 90

Dear Prof. Barnes

Your note of 16th inst. containing an Express Money Order came in due course for which accept my thanks.

I cannot send you a reprint now of the descriptions published last April but they will all be reprinted next winter when I publish Part VI of my Catalogue of Canadian Plants. The new species will appear in the Survey Bulletin very shortly. Ren. & Card. are working at my collections, as well as others collected from the west coast and they will publish some of my new species in the [illegible] soon. I collected over 80 new species the past season. My Canadian collection now numbers 725 species and varieties so you see I am working hard.

Very truly yours

Prof. C.R. Barnes
University of Wisconsin
Madison, Wis.

No 482

Jan. 23d 90

Dear Mr. Saunders

Your list of Birds of the vicinity of London has been received. Please accept my thanks for the trouble you have taken. Will I substitute it for the one that appeared in the Sportsman and Naturalist some years since or will I incorporate this one with the one referred to?

Next summer I hope to spend in British Columbia and my son who is now a good collector will be with me. Last year we collected very few over and above what we wanted for ourselves but this season we can get duplicates and if you send down a list of those you desire from the west in exchange for London birds, we will get as many of your wants as possible.

Very truly yours
John Macoun

Mr. William E. Saunders
London Ont.

No 482

Jan. 23rd 90

Dear Mr. Saunders

Your List of Birds of the Province of Ontario has been received. Please accept my thanks for the trouble you have taken. Will I substitute it for the one that appeared in the appendix and substitute your name there or will I incorporate this one with the one referred to?

Next summer I hope to spend in British Columbia and may have [illegible] — a good collector with me. Let you be [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] but [illegible] [illegible] [illegible] [illegible] and if you send down a list of those you desire from the west in exchange for Canadian birds, we will get as many of your wants as possible.

Yours truly

John Macoun

Mr. William E. Saunders

London Ont.

No. 484

Jan. 27th 90

My dear Sir

Your note of Friday came to the office on Saturday or would have been answered sooner.

In answer to it I may say that you can command me at any time and any assistance I can give you in any way will be promptly rendered. I am in the office from nine to five every day except Saturday and am at home at 44 Park Avenue every evening, almost.

Should I not see you before the end of the week I will likely drop you another line.

Very truly yours

John Macoun

A. S. Potts Esq.
Reporters Gallery
House of Commons

V. 494

Dec. 29th 91

Dear Sir

Your note of Friday came to the office on Saturday or would have been answered sooner.

In answer to it I may say that you can command me at any time and any assistance I can give you in any way will be cheerfully rendered. I am in the office from nine to five every day except Saturday and am at home at 412 Park Avenue evening almost. Should I not see you before the end of the week I will likely drop you another line.

Very truly yours
Alfred Marson

W. Botts Esq.,
Reporters Gallery
House of Commons.

No. 495

Jan. 27th [illegible]

Dear Dr. Britton

Your [illegible] came to hand [illegible]
today. Thanks [illegible] I have read with great interest
your article on "Noteworthy North American Phanerogams"
and will adopt your names when writing the ad-
-dendum to Part V of my catalogue. I will do the
same with the Genus Eleocharis.

I am sorry to say I have only one specimen
of Pentstemon Lyallii and it is mounted. I am going
to the region where it was found next summer and
may get a quantity. The Gentian you collected at
Port Arthur is my G. alba and Gray's new var. of
G. linearis. He names it var. ~~latifolia~~ see Proc. Am.
Acad. XXV, 309. Mr. Vroom sent the plant upon which
Gray founded the variety to me and I knowing how
Gray limited G. alba in the Synoptical Flora told him
there was a mistake somewhere and to submit the plant
to Gray. He did so and the result was as above. I have
no duplicates of the plant as it is outside of my beat
at present. You will notice in the same article a

No. 499

June 27th [illegible]

Mr. Ch. [illegible]

Dear [illegible]

[illegible]

[illegible] your article on "Interesting North American [illegible]"

[illegible] and adopt your names & rather [illegible] the cat-

[illegible] to Part V of my catalogue. I see that the

same with the [illegible].

I am sorry to say I have only one specimen

of [illegible] and it is [illegible]. I am going

to the region where it was found next summer and

may get a quantity. [illegible]

[illegible] in my [illegible] and [illegible]

[illegible]. The name of Mr. [illegible] see Proc. Ent.

Canad. XIV, 309. Mr. [illegible] and the [illegible] which

we found the [illegible] to my and I [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

at present.

2

new species of Anemone *[illegible]* described. I called Dr. Gray's attention to this many years ago but he did nothing. In Part III of my catalogue I separated it from the eastern one it is now [illegible] Oregon, [illegible] Anemone [illegible] [illegible] in [illegible]. I have examined [illegible] and can see nothing in it to [illegible] it from [illegible]. It is the [illegible] [illegible] specimens of com-parison of the [illegible] and our eastern A. *[illegible]* will show that they are far from identical. [illegible] I have no duplicate [illegible] [illegible] but they [illegible] [illegible] [illegible] being inclined to have five leaflets. The flowers are not half as large and the [illegible] are [illegible] [illegible] [illegible] the [illegible] form. I will [illegible] [illegible] [illegible] some specimens [illegible] in spring. [illegible] [illegible] of [illegible] [illegible] I have [illegible] with the descriptions of the new species or forms I have [illegible] [illegible]. If it suits your [illegible] all [illegible] and [illegible] them [illegible] and I will be satisfied. [illegible] [illegible] [illegible] I hope.

Yours [illegible]
John Macoun

[illegible] [illegible]

No. 496

Ottawa June 27th 90

My Dear Sir

Your letter of the 20th. inst. was received some time ago but I have been too busy to get out the specimens you ask for and waited until I could do so before answering your letter. I find that there are very few of the ferns that we have duplicates of but those that we have I am sending as well as another lot of foreign plants among which I hope you will find something that will interest you.

My father desires me to thank you for your list of ferns and specimens and to add that that he has so much work that he will be unable to publish the catalogue of mosses this year so that ~~so that~~ you need not hurry about sending your list

No 497

Ottawa Jan. 17th 90

Dear Sir

In reply to your letter of Jan. 11th I would say as before that the mosses are only sold in Centuries, and are sold by the government not by any person but through here. The mosses are the only exceptions to the rule that no specimens collected by us are sold so that while we have a good many of the Phanerogams you ask for they are not for sale. However we exchange specimens and if I can find time to examine our duplicates before leaving for the field I shall do so & send you such of your desiderata as we have.

Yours truly
Jas. M. Macoun.

Mr. C. H. Demetrio
Emerson
Saline Co.
Mo.

of mosses. As I told you when you were here I will be glad to send you any plants you may wish that we have duplicates of.

Yours truly
Jas. M. Macoun

Dr. D. N. St. Cyr.
Dept. of Public Instruction
Quebec.

[illegible]

[illegible]

Yours truly
[illegible]

No 428

Jan. 28th [illegible]

My dear Sir

Your parcel and letter have been here for some time and this morning the two square boxes came. I have been busy examining other boxes ever since yours came and have just reached it. The following are my notes on the specimens.

(1) I have never [illegible] a plant [illegible] but have heard of them. The one sent is evidently [illegible].
I return the half of the [illegible] ones.

(2) Is [illegible] vulgaris and ~~[illegible]~~ the var. [illegible]
382 Is [illegible] [illegible] for certain
The [illegible] is very fine. [illegible]
[illegible] ... [illegible] is a [illegible] var. of my Catalogue. It [illegible] have a new name in the new Edition of Gray's Manual. I am surprised to see [illegible] from London except it is an escape from gardens [illegible] in [illegible]. [illegible] the var. [illegible] I think [illegible] the [illegible] is [illegible] and the [illegible] is the [illegible] var. [illegible]. The [illegible] is very desirable for our [illegible] herbarium.

2

The remarkable [illegible] of which I [illegible]
part is something I never saw before [illegible]
it is a form [illegible]. I will send it to
Cambridge and let you know.

Your Laminum [illegible] Var. is L.
maculatum, Linn. The [illegible]
I am [illegible] the [illegible] and will
mention that you [illegible]
The Euphorbia [illegible] to New York.
about the [illegible] but will send them to New York.
The [illegible]
[illegible]. I would like it [illegible]
[illegible]. The other form Port [illegible] is a Philomelis
[illegible] but I wish to send it to
Very likely [illegible] P. [illegible]
Europe [illegible]. All the other [illegible]
[illegible]
[illegible] and a few doubtful
[illegible] them, all I [illegible] will [illegible] them
if you send me [illegible] specimens [illegible] and he
to [illegible] as you [illegible] each year. I have
would [illegible]

3

a catalogue of Canadian Hepaticae now in the press
next year I hope to get a large list of them from
you. Wednesday 23rd

I have now gone over all the material sent
and return all of the 90 except one marked H. acuminatum [?]
of the 60, Nos. 10, 22, 28, 44, 46, 48, are beyond me now.
These I will send to Europe with a few others which
may be changed. I will get a report on them before
spring. Try and get me a lot of the Rhynchostegium [?] as any [?]
as the Brachythecium [?], also of the one I name [illegible]
[illegible]. Thanks for the Anomodon [illegible]. When
you are collecting get good specimens. It is impossible
to name many species from scraps. The one called
up in your paper is Amblystegium radicale. The
Hepatic is an Odontoschisma. I will send it to
Underwood. The Hepatics have to be named from [illegible]
[illegible] that are known to be authentic. Should any
changes be made I will let you know

Very truly yours
John Macoun

John Dearness Esq.
London. Ont.

32 Sphagnum acutifolium = [illegible]
33 (large) Hedwigia ciliata (b) (small) Grimmia apocarpa
34 = 33a
35 Amblystegium adnatum
36 " serpens (mixed)
37 Fissidens decipiens
38 Polytrichum juniperinum
39 Fontinalis antipyretica
40 " Dalecarlica
41 Hypnum aduncum Var. Kneiffii
42 " riparium
43 Webera nutans
44 Pylaisia ——— ? (+)
45 Brachythecium plumosum
46 Barbula – ——— ? (+)
47 Bryum in with Webera
48 Pylaisia ——— ? (+)
49 Weissia viridula
50 Barbula convoluta mixed with C. purpureus
51 Hypnum giganteum
52 Hedwigia ——— ?
53 Hypnum salebrosum
54 Lichens – Physcia ——— ?
55 Aneura pinguis & sessilis
56 Riccia natans
57 " fluitans
58 Leptogium = 6
59 " tremelloides
60 Cladonia cristatella
Anomodon attenuatus without a number is correct
Polytrichum commune without a number is P. juniperinum.

John Macoun

P.S. The Hypnum acuminatum is different from any I have but still I cannot say it is it nor yet say it is not it. Let me I will send this to Kindb.

2

Sphagnum acutifolium = [illegible]

(Hyp) [illegible] (Hypnum) [illegible]

Brachythecium [illegible]

" [illegible] ([illegible])

Dicranum scoparium

Polytrichum juniperinum

[illegible]

" [illegible]

Hypnum [illegible] var. [illegible]

" [illegible]

Webera [illegible]

Bryum ——— ? (?)

[illegible]

Barbula ——— ? (?)

Bryum [illegible]

Bryum ——— ? (?)

Mnium [illegible]

Barbula [illegible]

Hypnum [illegible]

[illegible] ——— ?

Hypnum [illegible]

[illegible] — [illegible] ——— ?

[illegible] * [illegible]

Mnium [illegible]

" [illegible]

[illegible] = 6

" [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

List of Mr. Cearing's Linden Mosses
Received January 23rd 1889

(1) Dicranum fuscescens? (Being without fruit it is doubtful.
(2) I still incline to the fruiting specimen reptile but it is only a scrap. The only other Hypnum it could be is the adnatum
If it grew on stones it is adnatum.
(3) Cephalozia multiflora?
(4) " (two forms) It may be fluitans
(5) Plagiothecium denticulatum.
(6) Leptogium lacerum
(7) Anomodon rostratus
(8) Aulacomnium heterostichum
(9) Webera albicans (Male flowers)
(10) Dicranum flagellare
(11) Hypnum (not filicinum) (?)
(12) Physcomitrium pyriforme
(13) Funaria hygrometrica mixed with Bryum bimum.
(14) Hypnum curvifolium? (Fruit would decide)
(15) Hedwigia ciliata Var. viridis
(16) Polytrichum commune (Yes? They spring from the antheridia)
(17) Bartramia pomiformis
(18) Dicranum scoparium
(19) Bartramia Oederiana also 20
(21) Funaria hygrometrica
(22) Hypnum ——? (*)
(23) Pellaia polyantha
(24) Hypnum reptile (This is certain)
(25) Climacium Americanum (I am not certain about the whitish)
(26) Hypnum hispidulum
(27) Weisia longirostra
(28) Webera ——? (θ)
(29) Frullania Eboracensis
(30) Hypnum serrulatum
(31) Orthotrichum psilocarpum

List of Mr Cunningham's London Mosses
Received January 23rd 1889

[illegible] ? (Being without fruit it is doubtful. [illegible]

(the form) It may be [illegible]

[illegible]

[illegible] ([illegible])

[illegible] ([illegible]) (x)

[illegible] ([illegible])

[illegible] ([illegible])

[illegible] — 20

[illegible] ? (x)

[illegible] ([illegible])

[illegible] ([illegible])

[illegible] ? (x)

[illegible]

No. 479

Jan. 29th 90

My dear Burgess

Your letter and parcel came this morning and I tackle them this afternoon. I have just finished two large parcels. The last from Mr Cameron of London who sends Euphorbia Esula and other rare things. Your No. 26 is E. Esula all right.

The Cardamine is peculiar. You might save a specimen. No 38 is a fungus that has been called Ecrinimus accinum. (No 37) This is small Polygonum Pennsylvanicum, see the stalked glands. (No 36) I never yet have separated P. intermedium & Virginianum so I make no remark. (No 35) Camelina sativa. (No 34) This is the typical North American form of Gray's N. palustris. My opinion is that it is a distinct species. (33) This seems to me to be our C. hirsuta var. sylvatica. If so it is C. flexuosa, With. (No 32) So correct without the query. (No 31) This is Linum striatum, Walt. (No 30) This is my Spiranthes ... (Nos 28 & 29) are either the same or S. Romanzoviana. I incline to the latter. (Nos 27 & 26) are Habenaria hyperborea.

No. 4[illegible]

Jan. 29th 90

My dear Gregory

Your letter and parcel came this morning and I tackled them this afternoon. I have just finished two large parcels. The last from Mr [illegible] of [illegible] who sends Euphorbia seeds and other nice things. Your No 25 is E. [illegible] as right.

The [illegible] is peculiar. You ought to get a specimen. No 33 is a [illegible] that has been called [illegible] [illegible]. (No 37) This is [illegible] [illegible] [illegible]. (No 36) I [illegible] [illegible] separated [illegible] & [illegible] or I [illegible] [illegible]. (No 35) [illegible] [illegible]. (No 34) This is the typical [illegible] from [illegible] No [illegible]. My opinion is that it is a distinct species. (33) This seems to me to be one [illegible] [illegible]. If so it is [illegible] [illegible]. [illegible] be correct without the group. (No 31) This is [illegible] [illegible]. (No 30) This is very [illegible] [illegible].

Nos 28 & 29 are either the same [illegible] [illegible]. I incline to the latter. (Nos 27 & 26) are [illegible] [illegible].

2

(No 22) is Chenopodium hybridum (No 16) Solidago [illegible] etc. not S. altissima (No 13) [illegible] Greenei
Nos 7, 8, 9, 10 are all Carex pedunculata and very fine.
No 4, is Carex polystachia No 1 & 2 are correct.
No 12 is beyond me. Likely a form of same kind.
No 17 is typical S. rigida.
No 20 is Lithospermum latifolium
Nos 3, 11 & 15 are correct
Nos. 23 & 24 are Chenopodium Botrys. C. ambrosioides has almost entire leaves and is quite different in appearance.
No. 18 Solidago lanceolata is rougher and ~~hairier~~ more hairy. I have none exactly like it but have rough leaved ones in the collection. Send it to Prof. Britton
No. 14 is Hypochaeris radicata. I have it from the west coast!
No 21 Onosmodium Carolinianum. I believe there is no doubt of this. I would like a specimen for our collection as we have none.
No. 16 is very likely introduced from the North West. as it is far out of range. It is S. angustifolium.

3

No. 4 & 5 I make Carex virginata but am not satisfied with this. In a short time I will be working at our Carices and as I keep one of the sheets I will send a specimen of it with the other doubtful things I may discover.

[illegible] this winter and the spring draws on apace. Should you find any of the specimens that do not agree with my opinions let me know what you think.

Have you seen Lawson's new fern book? If so what do you say about quoting from it. The nomenclature is changed considerably in it.

Very truly yours
John Macoun

Thomas Burgess M.D.
Hamilton
C.W.

6

No. 4, 5 make some exquisite but am not satis-
fied with them. In a short time I will be working
at our Coenia and as I pick up of the shells I
will send a specimen of it with the other doubtful
things I may discover.

[illegible] winter and
the spring have as yet. Should you find
any of the specimens that do not agree with my
opinions let me know what you think.

Have you seen Lawson's new Fern
book? If so what do you say about getting some
in. The nomenclature is changed considerably in it.

Very truly yours
John Macoun

Thomas Burgess M.D.
Hamilton
Ont.

N. 50

Jan. 31st 90

My dear Madam,

At last I have reached your letter of a late date. I am at every branch of Natural History and I might say every part of every branch so you see my head and hands are full to overflowing. I was glad to see [illegible] amongst the plants Mr. Britton sent the other day. Your finds prove to me that a season in north-western Ontario would pay me well but my face is still set to the far north. I have two cards from Lindberg. He says C. Mueller in 1851 examined part of Drummond's Mosses, and he names all I have sent to him. There are no new species to speak of this time.

You are sound again as to Raphidostegium [illegible] Ren & Card. make it Amblystegium [illegible] [illegible] So that [illegible] of your Hypnum [illegible]?

The specimen of R. [illegible] you sent is very like some of my R. aciculare and would have been placed there if I had found it. It has been growing out of water on a sloping rock and only occasionally wetted. I think it is merely a form of R. aciculare.

N 59 [illegible]

Jan. 21st 90

My dear Madam

At last I have received your letter of a late date. I am at every branch of Natural History and I might say every part of every branch so you see my head and hands are full to overflowing. I am glad to [illegible] amongst the plants [illegible] the other day. Your friend [illegible] seen in North-Eastern [illegible] but my [illegible] I have [illegible] from [illegible] in 1851 [illegible] Government [illegible] the [illegible]

[illegible]

You are [illegible] again on the [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] ?

[illegible] ~~[illegible]~~ [illegible] [illegible] [illegible] [illegible]

2

What is the price of Bolander's Manual?

I have read Prof. Barnes letter with care and have been both interested and amused. He wishes to be considered an anonymous authority and I think he is for he lacks modesty which is an attribute of the usual run of great authors. I agree with him, that the Manual was a very slipshod piece of work but we may not agree on the cause. I say that the trouble lies in giving characters in the book for what is not represented in the specimens. There are many new species in the United States as well as in Canada that are represented under old names. These Prof. Barnes should find out and then the work would be profitable for him and for [illegible] I think [illegible] I would do this and do the other work also. When

Are the keys printed?

Besides the list of publications given by Prof. Barnes there is another list of mosses found in the vicinity of Ottawa [illegible] last March and published in the Ottawa Naturalist. I believe. Where can I get a copy of Flora Miquelonense?

4

species not distributed.

I have now 79 species & varieties in Century IV. Besides these I have over 100 species in not sufficient quantity for distribution.

The gentleman who wanted a selection of mosses at ten cents each wrote me but I declined to break a century on any conditions. I will not [illegible] from his species. I will not break a set for any person and Century V will be a prize.

Whenever you want specimens either ask for them and I will send them at once.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

3

I am not the least troubled over Prof. Barnes' idea of himself and of my liberality but will say to you in all honesty keep on be your work and when Mannes, Barnes or any other self sufficient person say that a particular form should have a particular name examine the reasons given and if satisfactory admit the species but in no case accept the dictum of any person. I see in you and Dr. Britton the center of a new school and believe that before long you will make up more than Prof. Barnes. He is evidently nettled at your critical examination and I am delighted. Criticise all my species and expect me to furnish to you any material you may want that I have.

You mention in your note that you have Orthotrichum Lescurii = strictum from Arizona. Now there is something wrong about O. Lescurii as Austin named what I distribute as O. Lescurii specimens. Please compare my O. specimens = Lescurii. When you are ready for the Orthotrichums I will send diverse a supplementary list as I have many

201

31st Jan. 90

My dear Sir

Already four parts of a Catalogue of Canadian Plants have been published. These are on sale in this city at John Durie & Son at the low price of 25 cts. per part. The whole contains nearly 800 pages. In them the range of every species is given but no descriptions.

Gray's Manual has all the descriptions of Ontario plants.

Very truly yours
John Macoun.

Mr. J. F. McQueen
Prin. of P. School
Amherstburgh Ont.

P.S. If you have any specimens you would like named send them along. They will come free to me.
J. M.

8th Jan. 90

My dear Sir

Already four parts of a Catalogue of Canadian Plants have been published. These are on sale in this City at Foster Brown's & Co at the low price of 25 cts. per part. The whole contains nearly 800 pages and the range of every species is given but no descriptions. Gray's Manual has all the descriptions of Ontario Plants.

Very truly yours
John Macoun

J. F. McSween
Prin. of P. School
Amherstburgh Ont.

N.B. If you have any specimens you cannot name send them along. They will come free to me

No. 802

31st Jan. 90

Dear Mr. Barrington

Your note of Dec. 18th 1889 came duly to hand.

The checklist you refer to is one published by my son as a venture of his own. Have you the four parts of the Catalogue of my Canadian Plants? If not I can <u>present them to you.</u>

Where you struggled so successfully through Rogers's Pass the railway runs now and we stop for breakfast at Field on the Lower Kicking Horse and take lunch two miles beyond the summit of Rogers Pass. Here there is a fine hotel and a pathway up to the Glacier.

I have been in the mountains now for four summers and am going there again this season.

Very sincerely yours
John Macoun

R. M. Barrington Esq.
Fassaroe
Bray
Co. Wicklow
Ireland.

No. 802

3rd Jan. 90

Dear Mr. Cunningham

Your note of Dec. 18th 1889 came duly to hand.

The checklist you refer to is our publication [illegible] as the [illegible] of this [illegible]. Have you [illegible] four parts of the Catalogue of my [illegible] Part I, II and I have [illegible] to you.

When you [illegible] so successfully through [illegible] the [illegible] [illegible] [illegible] in the [illegible] [illegible] there and the [illegible] [illegible] [illegible] [illegible] of [illegible] there [illegible] a [illegible] [illegible] and a [illegible] of the [illegible] I have [illegible] in the [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible]

Very sincerely yours
Ferd. Mueller

Mr. Cunningham Esq.
[illegible]
[illegible]

No. 608

Jan. 31st [illegible]

Dear Mr. Barrister

I was much pleased to hear from you and in answer to your note would advise you to write to Mr. Irvine your member and ask him to see Dr. Selwyn about the minerals and plants. We will be instructed to get out the plants for you but there are at least two ahead of you.

There is no doubt of getting the specimens but you must wait your turn though you may get the minerals at any time.

The above is the usual way to do this business. My son James has been my assistant for six years. He is married and has a young daughter. Clara has been married nearly two years and my second daughter Minnie will be married in April next.

Very truly yours.
John Macoun

[illegible] W. Barrister M.A.
Principal St. Francis College
Richmond Q.

Jan 31st 9[illegible]

Dear Mr. [illegible]

I am much pleased to hear from you and to [illegible] that you [illegible] I would advise you to write to Mr. [illegible] your [illegible] and ask him to see Dr. [illegible] about the [illegible] and plants. He will be instructed to put out the plants for you but there are at least three ahead of you.

There is no doubt of getting the specimens but you must wait your turn though you may get the [illegible] at any time.

The above is the usual way to do this business. My son James has been very anxious to see you. He is married and has a young daughter [illegible] has been married [illegible] [illegible] daughter [illegible] and [illegible]

Yours truly
John Macoun

[illegible] M.A.
[illegible]
[illegible]

No. 504

Jan. 31st 90

My dear Mr. Ellis

Yours letter containing photo. and the two parts of the Mycological Journal came safely, for which receive my sincere thanks. By this mail I send my photograph which was considered a good likeness. I was much pleased to receive yours and have placed it along side of Prof. Penny and W. M. Canby which is an honorable position.

It may be sometime before I can send down the fungi but you are sure to get them next month. I think I am safely in specimens of a number of species.

Very truly yours
John Macoun

John B. Ellis Esq.
Newfield
New Jersey

Jan. 21st

My dear Mr. [illegible]

Your letter containing photo. and the last [illegible] of the Stereographic Journal came safely, for which receive my sincere thanks. By this mail I send my photograph which was considered a good likeness. I was much pleased to receive yours and have placed it along side of Prof. Henry and Dr. M. [illegible] which is an honored position.

It may be interesting to you [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], I think I am entitled to the sympathies of a number of friends.

Very truly yours
[illegible]

[illegible] Esq.
[illegible]field
New Jersey

No. 518

31st Jan. 90

Dear Mr. Casey

Your note containing the tickets for the Speaker's Gallery came to-day. It was in good time as it was only tonight the ladies intended going at any rate.

I am in correspondence with Mr. Kelly of St. Thomas who is evidently a clear headed young man. He has sent me a long list of the birds of St. Thomas and vicinity for the Catalogue of Canadian Birds I am now getting ready for the printer.

I am going up to see you very soon in No. 6. With kind regards

I remain

Very sincerely yours

John Macoun

George Casey M.P.

House of Commons

~~Ottawa~~

No. 530

31st Jan. 9[illegible]

Dear Mr. Gray

Your note containing the invitation for the Graduates' Dinner came to-day. It was in good time as it was only brought [illegible] intention going at any rate.

I am in correspondence with the [illegible] of Mr. [illegible] who is [illegible] a [illegible] hundred years [illegible]. He has sent me a long list of the birds of Mr. [illegible] and [illegible] for the Catalogue of Manitoba Birds I am now getting ready for the printer.

I am going up to see you very soon [illegible]

[illegible] Kind regards

I remain

Very sincerely yours

[illegible]

George Gray M.P.

House of Commons

Ottawa

Vol. 587

Jan 31st 90

Dear Mr Thompson

Your note of the 26th inst. has been received. Thanks for your offer of Manitoban plants. Some of them might be of use to us but they would be of much value to St. John's College Man. as they have written to me for plants. If you would present them to the College send them here and I will go over them and see that they are all properly named and then forward them to the College with your compliments.

If this meets with your approval send them on as soon as you choose.

Very truly yours
John Macoun

Samuel E. Thompson Esq
86 Howard St.
Toronto
Ont.

No. 587

Jan 3rd 90

Dear Mr Thompson

Your note of the 26th inst. has been received. Thanks for your offer of Manitoba [illegible] some of those [illegible] [illegible] of round [illegible] to the College [illegible] as they have nothing to do for them. If you would send them to the College and they can [illegible] for our [illegible] and see that they are all properly received and their proper place in the College with your compliments.

If this meets with your approval send them on as soon as you choose.

Very truly yours
John Macoun

Daniel E. Thompson Esq
26 [illegible] St.
Toronto
Ont.

113.508

31st Jan. 90

My dear Sir,

Your note of the 24th inst came some days ago and today the valuable list was received. I will edit it just as you have sent it. I thank you very much for it and will ask you to make additional notes as the spring advances.

It is probable that the printers will not reach the bird list before spring as I have two other papers ahead of it.

As far as I am aware Evening Grosbeaks have never been seen as far east as Ottawa and indeed I have never seen them in life myself. Last year we shot no less than four species of Humming bird in British Columbia, however.

I see your list contains 187 species which for a local list must be very complete as 200 should be the extreme limit where other local lists are considered.

Very truly yours
John Macoun

J.L. Farley Esq
St. Thomas.
Ont.

31st Jan. 90

My dear Sir

Your note of the 28th inst. came some days ago and today the extracts list are received. [illegible] it is just as you have sent it. I thank you very much for it and now ask you to send additional matter as the spring advances.

It is probable that the printing will not reach the first list before spring as I have two other papers ahead of it.

As far as I can learn [illegible] Lunularia has never been seen as far [illegible] as Ottawa and indeed I have never seen them in life except last year as [illegible] for [illegible] of [illegible] in [illegible] [illegible].

I see your list contains 117 species which for a local list must be very complete — 200 should be the extreme limit when such lists are considered.

Very truly yours
[illegible]

[illegible] Esq
[illegible]
Ont.

No. 509

6th Feb. 90

Dear Mr. Fletcher

Your note of Saturday reached me in due time. The grass sent is very like the intermediate form of Calamagrostis Canadensis which may or may not be a distinct form.

I am at the Chenopodiums and want to get any notes you have about the two which we called C. Fremontii & Berlandieri

We have worked out another Polygonum near Muhlenbergii. Look at your specimens of P. Hartwrightii and Muhlenbergii and let me know what they look like. The additional species is named P. emersum (Muhl.) Britton. All my P. Muhlenbergii from the prairie is P. emersum.

Very truly yours
John Macoun

No. 509

6th Feb. 90

Dear Mr. [illegible]

Your note of Saturday reached me in due time. The form sent is very like the intermediate form of [illegible] [illegible] which may or may not be a distinct form.

I was at the Photographers and want to get any notes you have about the forms which we called C. [illegible] & [illegible]

We have worked out another Polyzoan near [illegible]. Look at your specimens of C. [illegible] and [illegible] and let me know what they look like. The additional species is named P. [illegible] (Hutt.) [illegible]. All my P. [illegible] from the [illegible] is P. [illegible].

Yours truly

[illegible]

No. 510

Feby 4th 90

Dear Sir

Prof. [illegible] has requested me to answer your letter of the 27 ult. re the exchange of bird skins. As I think he told you we expect to spend next season in B.C. [illegible] if you will send there before the 15th a list of your Duplicates we will procure as many of these as possible for you. There need be no hurry about [illegible] will give us in exchange specimens you have not a chance for them. If you [illegible] we want not sufficient [illegible] of these we can get them the following year or later on. Perhaps if I had your list I could find something for you among [illegible]

…lections of last year. One must not expect
…f one's observations will be as near perfect as
… [illegible] ones for it is not always easy to take
…t as much time as is best when one is
… work in the field.

Yours truly
Jas. M. Macoun

…W. E. Saunders.
Druggist
London
Ont.

No. 511

Feby 5th 90

My dear Madam

Your note of Jan. 31st reached me on Sat-
urday. I was both delighted and almost angered
by the enclosed letter from Mitten. Before I take up
his letter I may say that prior to 1878 I think in
1876 I sent a complete set of my Canadian mosses
to Mitten. I did this through Sir Joseph Hooker. [illegible]
that to this he never even noticed them. Sir Joseph wrote
me to address him again about them but I wrote
him I would not demean myself by doing so.
The mosses he refers to in his letter are those which
were a part of a collection sent to Paris in 1878 and
which was transferred to Kew at the close of that
exhibition. The numbers he quotes refer only to
that collection. What we want are the names under
which these mosses appeared. Now for his letter.
The specimen of C. fulgescens sent is exactly what I
have distributed as C. lutescens. Lindberg at first
named it C. lutescens and then thought it was Mitten's
C. [illegible], but sent the specimen to Mitten for

No. 511

Feb. 5th 80

My dear Madam

Your note of Jan. 31st reached me on Saturday. I was both delighted and almost annoyed by the enclosed letter from Mattern. Before I take up his letter I may say that in 1878 I think in 1879 I sent a pamphlet out of my Canadian work to Mattern. I did this through Sir Joseph Hooker. Since that time he never even noticed them. Sir Joseph wanted me to address him again about them but I wrote him I would not demean myself by doing so. The reasons he refers to in his letter as that which was a part of a collection sent to Paris in 1878 and which was transferred to Kew at the close of that exhibition. The remarks he quotes refer only to that collection. What he must see the reasons [illegible] which were not made apparent. Now for his letter.

The specimens of C. [illegible] sent in each which have detached [illegible] C. [illegible]. Nothing at first removed it of the [illegible] and then [illegible] I was [illegible] C. [illegible], but that the specimens [illegible] for

2

verifications. It is somewhat curious that after 20 years
he mentions a var. that he omitted by an oversight.
Why was it not mentioned before. Was Cardot right
when he exclaimed in his wrath All are in league?
He has had his so forgiveness twice from me, once from
you and once from Kindberg. As one of these has
been in his hands for over 12 years he should have seen
it by this time. I may be too severe on Mr. Mitten
but I am one or more points than one with English ...
I am very glad he is naming a species after you
and hope it is not one of Kindberg's new species. The
Brachythecium albicans = Macounii Kindb. was named by
Austin and will be in his collection. I collected it in 1868
The Philonotis calcarea No. 2008 is certainly P. Macounii
of Austin as I have it from Victoria and I am quite
sure Mitten's P. similis is Austin's P. Macounii. So
Flemingii is as Mitten says H. abbreviatum. I saw
that ten years ago when I collected H. abbreviatum
on Vancouver Island. He thinks we have another species
of Thuidium in North America. He does not know
that I have added no less than three!. Keep right
on. The dry bones are getting shaken up on both

3

sides of the water. I am sending a few of your wants today. The Grimmia Columbiana was first named Gr. apiculata by Kindberg. I will [illegible] not [illegible] [illegible] as the specimens are at my house. I am becoming more and more annoyed at the mean way Austin has been treated by men who ought to have supported him. I know the amount of hard work he did and his honest efforts to clear up the difficulties that surrounded the study of mosses and hepatics 20 years ago. By the way I have a large bundle of letters some of which might be of service in the future. I will look them up and hold them over for you if you should want them.

I send Bryum subrotundum so named by Kindberg which I collected last year. I also send my Br. Calcareum which is Br. [illegible]

There are no Bryums in [illegible] [illegible] that have any resemblance to B. subrotundum.

Very truly yours,
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

No 512

6th Feb. 90

My dear Sir,

Your "Notes on the Flora of Cap-à-l'Aigle" which I presume you favored me with, reached me this morning. It is a valuable addition to our knowledge of the St. Lawrence River plants. I have gone over it carefully and with your permission would make a few criticisms.

Ligusticum Scoticum is a native without any doubt. I have found it in numerous places around the Gulf of St. Lawrence.

Aster undulatus is very likely A. Lindleyanus, as A. undulatus does not range so far north.

Physalis viscosa = P. grandiflora. P. viscosa is wholly western.

Euphorbia platyphylla = E. helioscopia very likely as this species grows at Murray Bay whereas the former is found only westward as far as I know.

Arundinaria macrosperma, Michx. is the "Cane" of the southern States and here is something else but I cannot think of anything except an

No 512

6th Feb. 90

My dear Sir,

Your "Notes on the Flora of [illegible]" which I presume you favored me with, reached me this morning. It is a valuable addition to our knowledge of the [illegible] plants. I have gone over it carefully and with your permission would make a few corrections.

Liquidambar [illegible] is a native without any doubt. I have found it numerous places around the City of Canton.

Carex [illegible] is very likely C. [illegible], as C. [illegible] does not range so far south.

[illegible] = P. grandiflora. P. [illegible] is utterly mistaken.

[illegible] = C. [illegible] very likely, as this specimen at [illegible] Bay [illegible] is found only [illegible] I [illegible].

Arundinaria macrosperma, Michx. is the "cane" of the southern States and there is nothing else but I cannot think of anything [illegible]

2

Elymus instead of H.

Spartina polystachia very likely is S. cynosuroides as the former species is a doubtful native with us.

Leptochloa fascicularis, Gray is a southern species and has no existence in Canada.

Gymnopogon racemosus, Beauv. is another southern grass and has no chance of being found in Canada.

I have carefully gone over the list and have made the above notes in the interests of accuracy in botanical distribution.

If you have specimens of all or any of these I would like to see them and will return them with notes. Should you send them you need not pay postage as any thing addressed to me comes free.

Very truly yours
John Macoun

Rev. Robert Campbell D.D.
Presbyterian College
Montreal.

2

[illegible] of N.

[illegible]

[illegible]

[illegible] is a southern species and has no existence in Canada.

[illegible] is a southern form and has no chance of being found in Canada.

I have carefully gone over the list and have made the above notes in the interests of accuracy in botanical distribution.

If you have specimens of any of these I would like to see them and will return them with notes. Should you send them you need not pay postage on any thing addressed to me here.

Very truly yours
John Macoun

Rev. Robert Campbell D.D.
Presbyterian College
Montreal.

V-13

Feb. 6th 90

My dear Sir

Your note and the frame came yesterday the latter in good order. I have gone over all the specimens and found them with very few exceptions correctly named.

To-day we forward them to St. John's College, Winnipeg. My son will send you a copy of his letter to the College when transmitting the specimens so that you may see what we have done.

Last season we made a fine collection of the Land Birds of British Columbia and the coming season hope to complete the examination. My Catalogue of Canadians will be published in the Autumn.

Very truly yours
John Macoun

Ernest E. Thompson
86 Howard St.
Toronto

No. 415

Feb. 6th 90

My dear Sir

Your note and the parcel came yesterday the latter in good order. I have gone over all the specimens and found them with very few exceptions correctly named.

To-day we forward them to the St. John's College University. We are not sending you a copy of the letter to the College when transmitting the specimens so that you may see what we have done.

Last season we made a fine collection of the Land Birds of British Columbia and this season hope to complete the examination. My Catalogue of Canadian will be published in the Autumn.

Yours truly
John Macoun

Ernest E. Thompson
86 Howard St.
Toronto

No 514

Dec. 18th [illegible] 89

My dear [illegible],

I [illegible] herewith [illegible] of [illegible]
[illegible]

Columbianum the name is correct. The other is likely correct but was mixed at first with [illegible].
Let me know what you make of them.

I send down a few of my Orthotricha and more will go later.

Do not think I am using too strong terms when I compliment you on your work. I know many who have names to live and I count them dead, and perhaps when I find a live Bryologist I may be too effusive but my sentiments are genuine.

Please ask Mrs. Britton if her B[illegible] [illegible] is intended to supersede B. Muhlenbergii. The reason I ask is that I have what I call both species. B. [illegible] being wholly from the prairie region.

Please return the mounted specimens sent yesterday when you have used them.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

No 514

[illegible] 2 '90

My dear Poulton,

[illegible]

[illegible] the matter is [illegible]

[illegible]

[illegible]

I [illegible] a few of my [illegible] and [illegible] with your letter.

Do not think I am [illegible] too strong when I compliment you on your work. I know many who have [illegible] and I want them, and perhaps when I find a Psychologist I may be [illegible] but my [illegible] are [illegible].

Please ask [illegible]

[illegible]

I ask is that I have [illegible]

[illegible] being [illegible] from the [illegible]

Please return the [illegible] and particularly when you have read them.

Very truly yours
Edward Morse

Mr. E. B. Poulton
[illegible] College
[illegible] Oxford.

No 515

Ottawa Feby 6th 90

Dear Sir

Mr. Ernest E. Thompson of Toronto a few days since presented to our museum a collection of North West plants that had been collected by Mr. William Christie and himself. On looking over these I found that there were none of those of which we had not already specimens of from Manitoba or the N.W. I then proposed that they be sent to you to which Mr. Thompson agreed. In his letter of the 3rd inst. he says "Most of these have been named by my friend Miller Christie who also collected them, so if you will kindly forward the lot as offered with the compliments of Messrs Christie & Thompson I will be greatly indebted to you for all

No 312

Chicago Feby 6th 90

Dear Sir

Mr. Ernest E. Thompson of Toronto

[illegible] long since presented to our museum

[illegible] a collection of North West plants that

[illegible] been collected by Mr. Miller & [illegible]

[illegible] [illegible]. On looking [illegible] [illegible]

[illegible] these were [illegible] of [illegible] which we

[illegible] not already specimens of from [illegible]

[illegible] the N.W. & [illegible] [illegible] [illegible]

[illegible] to you to which Mr. Thompson agreed,

[illegible] [illegible] [illegible] [illegible]. [illegible] [illegible]

[illegible] [illegible] of the [illegible]. [illegible] [illegible]

[illegible] been [illegible] by my [illegible] [illegible]

[illegible] also collected [illegible], so if you [illegible]

[illegible] [illegible] the lot as [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] to you for [illegible]

your trouble in the matter". I have named
or renamed specimens that had not been identified
or were named incorrectly. I trust that among
them you will find something of value and
interest to you. I had thought that before this
I or my assistant should have had time to
go over our own duplicates and send you
some specimens but I fear that it must
be postponed until another winter as we
have more office work than we can attend
to.

Yours sincerely,

John Macoun
Naturalist.

The Principal
St. John's College
Winnipeg
Manitoba.

No. [illegible]

Feb. 6th 90

Dear Mr. Bebb

At last I have reached the willows and have just sorted them out and send them to you without comment. Very likely there is nothing new but they will interest you.

I send with them a few of the collections of 1885 which you may remember were not satisfactorily dealt with that year. There are a few scraps without name or number which you might send back if I have not them already.

I am busy on Part V and intend to put in all additions to our flora since Part III was published. If you have any notes on our willows you would like to publish I would be glad to add them to Salix. Part of the copy is now in the printers hands.

Very truly yours
John Macoun

No. [illegible]

Feb. 6th 90

Dear Mr. Potts

At last I have received the lichens and have just worked them out and send them to you without arrangement. Very likely there is nothing new but they are not without interest.

I send with them a few of the collections of 1885 which you may remember were not satisfactorily dealt with that year. There are a few mosses without name or number which you might send back if I have not them already.

I am busy on Part V and intend to put in an addition to our flora since Part III was published. If you have any notes on our mosses you would like to publish I would be glad to add them to Addenda. Part of the copy is now in the printers hands.

Very truly yours
John Macoun

No 517

Ottawa July 11th 90

Dear Sir

Your letter of the 16th ultimo has been received. Prof. Macoun wishes me to say that while he will be glad to receive for our herbarium anything that you may be pleased to send us you are not to consider it necessary to make an equal exchange. Our specimens are procured with government money and we distribute them as [illegible] [illegible] to us. When I have more leisure I hope to send you a complete series of our flowering plants and for these I should be glad of Danish specimens. For Mr. Rand[illegible] I have examined our duplicates of Elymus and found [illegible] specimens of all that we have. When he has examined them we will esteem it a favor if he will send to us his determination

Those [illegible] are unnamed were sent last year
to Dr. Vasey but he has not yet reported upon
them. In the same packet are a few specimens
[illegible] I have had for Mr. Wanning since last
year among which will I hope be found
something of interest. Prof. Macoun wishes to
be kindly remembered to yourself and Mr. Wanning

Yours sincerely

Jas. M. Macoun

P.S. I have copied the labels of the Elymus
so [illegible] if in writing of them Mr. [illegible]
you may refer to them by the numbers on the
labels.

No 518

Ottawa Feby 7th 90

Dear Dr. Burgess

Many thanks for the specimens which came safely. My father is so busy that he has handed over most of his correspondence to me with the injunction to "make what use of it". Have I begun well?

Yours truly

Jas. M. Macoun

No 518

Chicago Feby 7th 20

Dear Mr. [illegible]

[illegible]

No. 5/9.

Ottawa Feby 8th 90

Dear Mr. Corby

Your note of yesterday was received this morning. My own work is confined to Natural History but I took your letter to Dr. Selwyn who says that there are a few specimens of <u>Eozoon Canadense</u> in the museum and that one of these will be sent you as soon as the assistant curator who is sick with "la grippe" and who has alone has charge of such specimens, returns to his work. I regret the delay but it is as you see unavoidable

Yours truly

John Macoun

[illegible]

No 518.

Ottawa July 8th 09

Dear Mr. Corby

[illegible]

No 520

Ottawa Jan 30th 90

Dear Sir

Very many thanks for your letter
of the 29th inst. and the valuable notes it contains
especially on those specimens which I did not
ask you to examine particularly. The Viola palustris
sent you from B.C. was collected at Burnaby Lake
was it not? I find that on the same sheet there
has been mounted the small flowered form from a
locality not far from Burnaby Lake which is true
V. palustris. Acting upon your suggestion I have
examined all our specimens from B.C. and find that
in 1887 my father collected the form with the large
corolla at Nanaimo Van. Island and it too has the
bracts considerably below the middle of the peduncle. Only
enough on the sheet with it is true V. palustris with small
flowers collected at another locality on Vancouver Island.
I find that they in the Amer. Journal of Science Vol. 38-404 -
that the White Mt. form is V. [illegible]. We have spec.
from the White Mts. collected by [illegible] and

identical with our Eastern grown B. C. plants.

Feby 8th.

I have been reading Fungi and your letter had to be put aside until to-day. The crucifer you speak of from Silver City is without doubt Sisymbrium pannonicum, it is introduced into Canada has been naturalized. It was found first in 1885 by my father along the C.P.R. at Silver City in 1885, at Winnipeg in 1887 by Mr. Jas. Fletcher north of Lake Superior on the C.P.R. near Toronto ont. again along the C.P.R. in 1888 Mr. Scott of this city at Port Arthur and last autumn by Dr. W. C. Birtles along the C.P.R. There were a great many Lake Superior, along the C.P.R., the construction of this road in Canadian(?) at work on the introduced by the west and my father thinks it was introduced by them. We would very much like authentic specimens of Cardamine hirsuta, C. oligosperma, and C. sylvatica from those that we have, and from determinations of our own specimens by Gray and Watson you can imagine possibly nothing more mixed than our series. Why specimens from you should have given these different names!

If it be not too much trouble could you look up the specimen sent you as [illegible] minor and tell me where it was collected. Had I time I could get for you [illegible] a pretty complete series of our [illegible] as we have never made any [illegible] specimens [illegible] to specialists, I chose to do so [illegible] would be [illegible]. The same remark applies [illegible] at any rate. [illegible] but as nearly all our specimens [illegible] you must have nearly [illegible] by Dr. Vasey [illegible] in your [illegible] a complete series of [illegible] herbarium. I shall not forget you however when in the field next summer. Again thanking you for your kindness I remain

Yours truly

Jas. M. Macoun.

P.S. We have no sheets of [illegible] from [illegible] but the specimens do not seem to me at all like the [illegible] sent you.

[illegible]

No 521

Feb. 10th 90

My dear Sir,

Owing to great pressure of work I have been unable to examine your plants until today and herewith enclose the list.

I answer your queries on the paper they are on. I did not receive the article on the Orchids which you refer to in your note of Jan. 16th. I think the Drummond you refer to is a brother of A. J. Drummond the botanist quoted by me in the Catalogue.

I return the mosses and advise you to send them to Dr. Farlow, Cambridge, Mass. Please mention that you are acting on my advice. Part V of my Catalogue is now in press.

I have carefully gone over all your queries and returned them. Some of those regarding Cormack's name I could not attempt to answer as he did not know what he talked of himself. Many of the questions are answered correctly. Regarding the list of [illegible] any do not go outside of [illegible] except you have the [illegible]

No 321

Feb. 10th 90

My dear Sir

Owing to great pressure of work I have been unable to examine your plants until today and then with undue [illegible] haste.

I return your grasses as the papers they are on. I did not receive the article on the Cactus which you refer to in your note of Jan 6th. I think the [illegible] you refer to is a [illegible] J.G. [illegible] the [illegible] quoted by me in the Catalogue.

I return the mosses and advise you to send them to Dr [illegible], Cambridge, Mass. Please mention that you are acting on my advice. Part 4 of my Catalogue is now in press.

I have carefully gone over all your grasses and returned them. Some of them [illegible] regarding [illegible] names I could not attempt to name as he did not know what he called [illegible] himself. Many of the [illegible] [illegible]. Regarding the list of [illegible] very [illegible] not [illegible]

Accept [illegible] your [illegible] the [illegible]

2

Rusk's, Bell, Cormack and others are safe in a general
sense but wholly unreliable in a particular sense.
There are only two Botanical papers that might publish
your Catalogue there are. The Torrey Botanical Bulletin
of New York, and the other is the Botanical Gazette.
There is, also the Record of Science in Montreal. If
you should send your list to any of these be sure
and have the specimens to support any doubtful state-
-ments you may make.
I wish you would send me a list of your
ferns, horsetails & Lycopods for Part V. Give localities.
I have not gone over your other list of Quebec
and would say collect more specimens and have them
authenticated. No person who has studied the distribution
of plants will admit a new locality or new locality or
statement without the specimens and I admit
no species into my catalogue except I know for
a certainty it has been found there by some one.
In your catalogue keep all the doubtful things in a list
by themselves, and ask for more light but on no account
put them in the body of the work. Very truly yours
John Macoun
Rev. A. Washburn
Independent.

2

Arctic, Asia, Greenland and Africa are only in a general

have but nothing available in a [illegible] sense.

There are only two Catalogues [illegible] that might fulfil

your Catalogue there are. The [illegible] Collection

of New York, and the other is the [illegible] Catalogue [illegible].

There is also the Record of Accessions in Washington. If

you should send your list to any of these they could

and have the specimens to supply any [illegible]

-[illegible] of your own records.

I wish you would send me a list of your

New Zealand Lepidoptera for Part V. [illegible]

I have made use of your other list of [illegible]

and would any [illegible] more specimens and have them

authenticated. The person who has identified the [illegible]

of plants is admittedly a [illegible] long [illegible]

[illegible] the specimens and I admit

the species in the [illegible] Catalogue [illegible]

a certainty [illegible] been found [illegible]

in your Catalogue [illegible]

[illegible]

[illegible]

[illegible]

List of Rev. A. C. Waghorne's Newfoundland Plants Second Bundle.

1 Agropyrum glaucum = 28!
2 Cicuta maculata
3 Carex tenuiflora
4 " canescens = 1
5 " echinata = 8
6 " viridula
7 " trisperma
10 Glyceria nervata = 20
11 Carex intumescens ? (See Gray)
12 " pauciflora
13 Eleocharis palustris
14 Agrostis vulgaris = 20+22+27+30+39
15 Carex tenella
16 + 18 Alopecurus geniculatus
17 Poa serotina = 38
19 Carex Oederi
24 Cinna pendula = 59
25 Festuca ovina = 37
26 Deschampsia elongata = 32
28 Poa pratensis
29 Glyceria Langsdorffii = 57?
30 Deschampsia caespitosa
33 Glyceria Canadensis
35 Carex vulgaris = 36
36 " Magellanica = 37+42+60+61
40 Juncus Canadensis var. = 63
41 Eriophorum sp. See Gray
42 Carex gynocrates
44 Juncus alpinus, var. insignis ? (See Gray) 47
46 Luzula campestris = 48+52+68
48 Eriophorum Virginicum.
54+55 Carex stramineus var.

[illegible]

1 [illegible]
2 [illegible]
3 [illegible]
4 [illegible]
5 [illegible]
6 [illegible]
7 [illegible]
8 [illegible]
9 [illegible]
10 [illegible]
11 [illegible]
12 [illegible]
13 [illegible]
14 [illegible]
15 [illegible]
16 + 18 [illegible]
17 [illegible]
18 [illegible]
19 [illegible]
20 [illegible]
21 [illegible]
22 [illegible]
23 [illegible]
24 [illegible]
25 [illegible]
26 [illegible]
27 [illegible]
28 [illegible]
[illegible]

101 Spiranthes Romanzoviana
102 Geum macrophyllum
103 Epilobium angustifolium
104 Myrica cerifera ?
105 Alchemilla vulgaris
106 Potamogeton gramineus heterophyllus
107 " perfoliatus
108 Sparganium hyperboreum
109 Mentha Canadensis
110 Ranunculus heterophyllus? (apparently this species). I have never seen this before. Probably new to America. Get more good specimens.
111 ~~Lambrina~~ Senebiera didyma
112 Medicago officinalis
113 ~~Nepeanthes~~ Nemopanthes Canadensis
114 Barbarea vulgaris
115 Parnassia palustris ? (Leaves only)
116 Rubus Canadensis
117 Vaccinium Pennsylvanicum
118 Juniperus Sabina var. procumbens

P. S. The Pelea Migulorum
has just arrived
J. M.

P. S. Prof. Macoun wishes me to add that since writing the above letter he has had one of a lot of papers that have been accumulating opened & that among them I found the few works and the one containing the article on Orchids. He desires me to thank you for it.

Yours &c
Jas. M. Macoun

55 Carex rostrata = Michauxiana
56 " tenella
57 Juncus bufonius
58 Carex stipata = 64+65+66
62 " laxiflora
67 Scirpus Eriophorum
68 Carex folliculata
70 Aspidium spinulosum var. intermedium
71 " " v. dilatatum
72 Asplenium filix-foemina
73 Thalictrum Cornuti = 89
74 Lamium maculatum (Introduced)
75 Aster Radula
76 Solidago gigantea
77 Aster puniceus
78 Cardamine hirsuta
79 Equisetum sylvaticum
80 " arvense
81 Cochlearia officinalis ?
82 Potentilla Norvegica
83 Galium triflorum
84 Lycopodium Selago
85 Acer rubrum
86 Lycopodium annotinum
87 Matricaria inodora
88 Veronica arvensis
89 Lamium amplexicaule
90 Vicia sativa Var.
91 Spergularia salina
92 Habenaria obtusata
93 Polygonum incarnatum
94 " Hydropiper
95 Viola cucullata
96+97 Cerastium viscosum
99 Aralia nudicaulis
100 Cnicus muticus

Feb. 18th 90

My dear Madam

With this I send down a few Orthotrichums
from Prince Edward Island. No 4 Kindberg says is O.
strangulatum = Braunii of Eur. Nos. 1, 2 & 3 contain
a mixture but among them is O. speciosum and also
of affine which Venturi says is new. I think
you will find a few stems of a Grimmia Ulothrix
When you separate them send me down a little of each
and I will return more of each.

I am glad you are making such good
progress and await further developments. All I can
do is to assist with material. By the way your
Bryum lucidum is already occupied by one named
by James many years ago. Look up Cat. Renes
traced and you will find a Bryum lucidum describ.
there are at least named. Notice that Lesq. & James say
that B. Ravii is B. Muhlenbeckii. Kindberg denies this
and says Ravii is a good species. I also send you
a piece of the original specimens on which B. Macounii
was founded. It was not on specimens collected at
Victoria but on specimens found as on the label. By

Feb. 12th 90

My dear Buchanan

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

When you expand them send me down a little of each and I will return some of each.

I am glad you are making such good progress and await further developments. All I can do is to await with patience. [illegible]

[illegible]

[illegible]

2

Austin's description and how he makes my earlier
specimen a variety. Leg. & James leave this one out.
I now send it.

I send a another specimen of that difficult
Hypnum. It is in fruit. Kindberg has decided that
Eurhynchium longinerve = a Hypnidium and is H. longinerve.

I have been so hurried I neglected writing
too long. My work ranges from Fungi to Ranunculus
and Mammals, Birds, Reptiles & Fishes so you
see my head and hands are full

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York

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Austin's description and then he makes my earlier specimens a variety. Ag. [illegible] [illegible] the one [illegible] I never saw it.

I send a another specimen of that difficult Hypnum. It is in fruit. Kindberg has decided that Dichelyma longinerve = D. [illegible] and is D. capillaceum.

I have been so hurried I neglected writing too long. My mosses range from Georgia to Wisconsin and Minnesota, Canada, Alaska & Idaho. They are all very dead and dead as fish.

Very truly yours
[illegible] [illegible]

Mrs. E. G. Britton
Columbia College
New York

No 623

11th Feb. 90

My dear Sir
I have been so busy that your letter has lain
unanswered too long. Your second letter reminded me
of my neglect so I answer both at once.
There would be no chance of working up the Mosses
and Liverworts as amateur work as it as a specialist in
each branch can do. I have collected them for 30 years
so you can see I have done much that way. With
me there would be no chance as my son (my assistant)
and one man who cooks and skins birds are all
my party consists of in the summer. As far as I
am aware at present I will be in British Columbia
next season and the man I had last year is there
now. He travelled there at his own expense last year
before I engaged him.
In the past two years I have been over nearly
all the country and our attention is passing from
botany to birds, reptiles and fish. There is no
special desire to examine now botanically but
there are many parts where examination would

No 623

11th Feb. 90

My dear Sir

I have been so busy that your letter has lain unanswered too long. Your second letter reminded me of my neglect so I answer both at once.

There would be no chance of working up the Pianos and Harmoniums as [illegible] as it is a speciality in each branch [illegible] I have [illegible] them for 3 years as you can see I have done much that way. With me there would be no chance as my own [illegible] and one more other [illegible] and [illegible] on all my family [illegible] in the [illegible]. As far as I can see at present I [illegible] be in [illegible] the next season, and the rooms I had last year is [illegible] the [illegible] at his own expense last year before I engaged them.

In the past two years I have been very much [illegible] in the country and our attention is [illegible] the [illegible] [illegible] and [illegible]. There is no [illegible] again the [illegible] [illegible] but there are many [illegible] [illegible] would

2

show many interesting things.

Although I want no one it does not follow that I am opposed to some one being out with a geological party. I am quite willing to recommend you as an excellent ~~not~~ botanist to any chief of party who might be in favor of taking you with him. I would therefore advise you to have your friends at Queen's College to recommend you to Dr. R. Bell who has the charge of the survey north of Lake Huron and who is a friend of Queen's.

There would be little use in a formal application, but in the way I suggest you might get on with Bell for the summer. Try Bell through your friends and if I am spoken to I will speak well of you. If you fail in this make a formal application to Dr. Selwyn and I will do you no harm but may be able to do you little good.

Very truly yours
John Macoun

To R. L. Walker
299 Gordon St
Kingston Ont

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have many interesting things.
Although I could not see it does not follow
that I am offered to serve one being out with
a pedagogic faculty. I am quite willing to recommend
you as a candidate ~~and believed~~ to any which I
feel other might be in favor of taking you with
him. I would therefore advise you to have your
friends at Queen's College to recommend you to
Dr. Dick who has the charge of the evening work
of Lake Ontario and who is a friend of Queen's.
There would be little use in a former ap-
plication, but in the way I suggest you might get
a note to Dick for the evening. They did through
your friends and if I am afraid it would speak
well of you. If you fail in this another former
application to Dr. Selwyn and I will do your
own name but may be able to do you little
good.

Very truly yours
Alfred Marsh

J. L. Walker
Gordon St
Kingston Ont

No 524

Feb. 11th 90

Editor of North West Farmer & Miller

Dear Sir

Your note of 5th inst. with enclosed specimens of a fibre producing plant has reached me. I may say your correspondent is quite right in believing that the fibre is strong enough to make good binding twine as its name Indian Hemp shows that its value has been long known.

The plant in question belongs to the Natural Order. Apocynaceae or Dogbane Family and is named Apocynum cannabinum, or Indian Hemp. It grows chiefly along sandy or gravelly river banks but is found amongst sand hills in many parts of the prairie region. Indeed it ranges from the Atlantic to the Pacific and on the west coast has been used by the Indians together with the nettle to make ropes and even cloth. The fibre of a related plant has

No 824

Feb 11th 90

Editor of South West Farmer & Miller

Dear Sir

Yours with 5th inst. with enclosed specimens of a fibre producing plant has reached me. I may say your correspondent is quite right in believing that the fibre is strong enough to make good binding twine as its name Indian Hemp shows that its value has been long known.

The plant in question belongs to the Natural Order Apocynaceae or Dogbane Family and is named Apocynum Cannabinum or Indian Hemp. It grows chiefly along sandy or gravelly river banks but is found among sand hills in many parts of the prairie region. Indeed it ranges from the Atlantic to the Pacific and on the west coast has been used by the Indians together with the nettle to make ropes and even cloth. The fibre of a related plant has

2

tested at Hamilton, Ont. and found to produce good fibre. I think however that the common Nettle (<u>Urtica gracilis</u>) or the cultivated hemp will be found by experiment to give more satisfactory returns. All three might be experimented upon by Mr. Bedford and their individual merits tested.

I remain

Very truly yours

John Macoun

Acton Burrows Esq.

Winnipeg

Man.

tested at Hamilton, Ont and found to produce good fibre. I think however that the common nettle (Urtica gracilis) or the cultivated hemp will be found by experiment to give more satisfactory returns. All these might be experimented upon by Mr. Bedford and their individual merits tested.

I remain,
Very truly yours
John Macoun

Acton Burrows Esq
Winnipeg
Man.

No 525

Feb. 12th 90

Dear Dr. Underwood

Your letter of the 7th inst. with names of Prince Edward Island Liverworts reached me on Saturday. I thank you very much for your promptness, and now send you another lot which will represent much of my doubtful or unnamed species. There are a number of mounted specimens which were named by Austin many years ago. Some of them are types of new species. Please send back the mounted specimens after you have taken a part of each if you so desire. Write your opinion on the specimens.

I am sending some of the specimens asked for but some of them we have not in stock. I send Phegopteris alpestris and Aspidium Oreopteris because they are rare. I call very little of my Lycopodium alpinum the true form and would be very glad to have your opinion of what I now send. I cannot make it agree with

No 825

Feb. 12th 90

Dear Dr. [illegible]

Your letter of the 7th inst. with names of Prince Edward Island Lichens reached me on Saturday. I thank you very much for your promptness and now send you another lot which will represent much of my stock of mounted specimens. There are a number of specimens which were named by Austin many years ago — some of them are types of new species. Please send back the mounted specimens after you have taken a part of each if you so desire, with your opinion on the specimens.

I am sending some of the specimens which for lack of [illegible] we have not in stock. I send [illegible] and [illegible], [illegible] because they are [illegible]. I see very little of any [illegible] specimens [illegible] the [illegible] from [illegible] and would be very glad to have your opinion of which I [illegible]. I cannot make it agree with

2

the Greenland form.

Mr. Pearson only describes one new species Frullania Selwyniana. This I will send before long.

As soon as I get duplicate galleys of Pearson's paper I will send them down. None of it is paged yet.

Should you change your notes into shape they will follow Pearson's and I may say that you have now all my unnamed Hepaticae.

Very truly yours

John Macoun

L. M. Underwood
Syracuse University
Syracuse
N. Y.

P.S. The Century of Illustrative Fungi are very fine and make quite a valuable addition to our collection. I have nearly 1000 species of named Canadian Fungi.

J. M.

My dear Professor:

Mr. Brown only describes one new species from [illegible] [illegible]; this I will send before long.

As soon as I get duplicate galley of Brown's paper I will send them also. None of it is paged yet.

Should you change your mind [illegible] not follow Brown's and I may say that you have done all my Hymenopterous [illegible].

Very truly yours

Wm. H. Ashmead

Dr. [illegible]
Syracuse University
Syracuse
N.Y.

P.S. The Century Dictionary illustrations are very fine and [illegible] quite a valuable addition to our collection. I have nearly [illegible] figures [illegible] [illegible].
W.H.A.

No 526

Ottawa Feby 14th 90

Dear Sir

I received to-day a letter from the Warden of St. John's College Winnipeg acknowledging the receipt of the packet of plants. He says "I would ask my best thanks to be conveyed to Messrs Thompson and Christie".

Again thanking you for your original intention of presenting them to us I am

Yours very truly
John Macoun

Mr. Ernest E. Thompson
86 Howard St.
Toronto
Ont.

[illegible]

No 526

Ottawa Feby 4th 90

Dear Sir

I received to-day a letter from
Mr Wardrope of St. Johns College Winnipeg acknowledging
the receipt of the specimen of
Mosses. He says "I would add my best thanks
to be conveyed to Messrs Macoun and Cheney".

Again thanking you for your original
invitation & [illegible] which so I am

Yours very truly
John Macoun

Mr. Ernest E. Thompson
86 Howard St.
Toronto
Ont.

[illegible]

No 527

Ottawa Feby 14th 90

Dear Mr. Burdett

Neither my father nor myself
were at the office yesterday so that your
[illegible] was not received until this morning. The
[illegible] was not received by my
[illegible] this you speak of was never received by my
[illegible] or the reports would at once have been
[illegible] to your friend. My father wishes me
to say that he will at any time be glad
to make a return in kind for what you
have done. If you will send the gentlemans
address again and mention what he wants
reports will be sent at once. Write a
formal letter to my father asking for them.
Such applications must now be approved by Dr.
[illegible] as proposed [illegible] Dir. Geol. Survey
Yours truly
Jas. M. Macoun

List of Birds received from Pacific Coast
Feb. 11th 1890.

1 Larus glaucescens, Naum. (No 5) Oct. 25th 1889. ♂

2 Larus delawarensis, Ord. (No 6) Oct. 25th 1889 ♂

3 " " (No 8) Nov. 4th 1889 ♀

4 " philadelphia, Ord. (No 7) Oct. 25th 1889 ♀

5 Colymbus auritus, Linn. (No 19) Jan. 29th 1890

6 Merganser Americanus, Cass. (No 17) Jan. 6th 1890 ♂

7 " serrator, Linn. (No 20) Jan 25th 1890 ♂

8 " " (No 18) Jan. 20th 1890 ♀

9 Buteo borealis calurus, (Cass) (No 8) Oct 25th 1889 young ♂

10 Asio Wilsonianus, (Less) (No. 10) Nov. 14th 1889 ♀

11 " " (No 9) Dec 8th 1889 ♂

12 " accipitrinus (Pall) (No. 15) Dec. 16th 1889 ♂

13 " " (No 2) Oct. 15th 1889 ♀

14 Nyctala acadica, Gmel. (No 12) Nov. 26th 1889 ♀

15 Megascops Asio Kennicottii, Elliot. (No 1) Oct. 2nd ♂ 1889

16 Glaucidium gnoma, Wagl. (No 13) Dec. 6th 1889. ♂

17 Macrorhamphus scolopaceus, Say. (No 3) Oct 12. 1889 ♂

18 Sphyrapicus ruber Gmel. (No 16) Jan. 6th 1890 ♂

19 Lanius borealis Vieill. (No 4) Oct. 18th 1889 ♀

20 " " (No 11) Nov. 25th 1889 ♂

List of Birds received from Pacific Coast
Feb. 11th 1890.

Larus glaucescens, [illegible] (No 5) Oct 25th 1889 ♂
Larus delawarensis, [illegible] (No 6) Oct. 25th 1889 ♂
" " (No 8) Nov. 4th 1889 ♀
" philadelphia, [illegible] (No 7) Oct. 25th 1889 ♀
[illegible] (No 11) Jan. 21st 1890
[illegible] (No 12) Jan. 6th 1890 ♂
" [illegible] (No 20) Jan 25th 1890 ♂
" " (No 18) Jan. 20th 1890 ♀
[illegible] (No 2) Oct 25th 1889 young ♂
[illegible] (No 10) Nov 14th 1889 ♀
" " (No 4) Aug 9th 1889 ♂
" [illegible] (No 15) Dec. 16th 1889 ♂
" " (No 2) Oct. 15th 1889 ♀
[illegible] (No 12) Nov. 26th 1889 ♀
[illegible] (No 1) Oct. 2nd ♂ 1889
[illegible] (No 19) June 4th 1889 ♂
[illegible] (No 3) Oct 12 1889 ♂
[illegible] (No 16) Jan. 6th 1890 ♂
[illegible] (No 4) Oct. 18th 1889 ♀ ♂
" (No 9) Nov. 28th 1889

No 528

Feby. 14th 90

Dear Mrs. Britton

Your note of the 11th inst. with enclosed specimen reached me today. I have never seen L. sediforme before and thank you very much for it. With this I send another new moss. Eurhynchium substrigosum Kindb. I am doubtful of ~~its~~ its distinct-ness from E. strigosum but believe however it is not identical. I send it from here and from British Columbia. I also send what Kindberg calls B. Cornellii. Aust. Both are for your opinion.

I am glad you have not upset G. Columbiae as I am becoming very much interested in the Genus Think of me adding five new species in one season to the one genus! I excuse Austin for his mistake about H. robustum but as soon as I found the plant in 1887 I recognized it at once. Yes. O. glabrum is near O. pulchellum. I think you would confer a great favor on all of us if you would mount a slide or two from every authentic American species as I am quite sure many of the old specimens

of Orthotrichum

No 524

Dear Mrs. Britton Feby. 14th 91

Your note of the 11th inst. with enclosed specimen reached me today. I have never seen O. [illegible] before and thank you very much for it. With this I send another new var. [illegible], [illegible]. I am doubtful of the distinctness from O. [illegible] but think it is not identical. I send it from here and from [illegible]. I also send what Kindberg calls O. [illegible], Aust. Both are for your opinion.

I am glad you have not [illegible] as I am becoming very much interested in the genus. Think of me asking five new species in one season to the one genus! I excuse Austin for his mistake about the [illegible] but as soon as I found the plant in 1887 I recognized it at once. [illegible] is near O. [illegible]. I think you would confer a great favour on all of us if you would monograph the [illegible] genus [illegible] American species as I am quite [illegible] of the old specimens

2

are sadly confused

I wish you would commence a series of articles on the Manual, Authors, species and the revision of my Musci and the whole subject generally. I do not mean that you should pitch into any person but just publish the facts as we gather them. I use the word we as I am quite willing to give you all the facts, figures, specimens and advice I can gather but being only a collector I will not pose as an authority. You are now in the work and I say it without blarney that you are quite competent to become a critic (we will say in a small way) but you know better than I do that you are growing fast and we must have our finds and discoveries laid before the world. You can do it and were I Mr. Britton I would say you must. Please set to work at once and leave me out except as a clear sighted collector.

Very sincerely yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York

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are readily employed.

I wish you would commence a series of articles on the Mammals, Reptiles, [illegible] and the Mission of my Museum and the other subject generally. I do not mean that you should publish in any paper but just publish the facts as we gather them. I use the word we as I am quite willing to give you all the facts, figures, opinions and advice I can gather but being only a collector I will not pose as an authority. You are now in the work and I say it without flattery that you are quite competent to become a [illegible] in a small way but you know better than I do that you are growing fast and the sooner these are found and discussed laid before the world. You can do it and now I Mr Britton I would say you must. Please set to work at once and leave me out except as a clam-digging collector.

Very sincerely yours
John [illegible]

Mr. N. L. Britton
Columbia College
New York

No. 529

Feb. 15th 90

The Hon.
The Minister of Customs

Sir.

The enclosed part of a letter was sent to me with the request that I should get your opinion on it.

The gentleman's name is at the head of the letter in pencil so that you can either communicate with him or with me, regarding the matter.

I have the honor to be
Sir
Your Obedient Servant
G. Ind Mearns

No. 529

Feb. 15th 90

The Hon.
The Minister of Customs
&c.

The enclosed part of a letter was sent to me with the request that I should get your opinion on it.

The gentleman's name is at the head of the letter in pencil so that you can either communicate with him or with me regarding the matter.

I have the honour to be
Sir
Your Obedient Servant
G. Tod Murray

No 532.

Feb. 14th 90

My dear Sir

"La grippe" has struck us bad here as well as everywhere else but up to date none of my family has been badly hit.

I wish to have the Roses back by the middle of March or not later than April the first. I am glad you are pleased with the moss. Depend upon it the Musci of the United States will bear further examination when I have added nearly 100 species to the American list in four years. I have read both your articles with great interest and hope you will follow up the subject of the pines and their allies until we get to the bottom of the subject. I have just read Prof. Tyndall's lecture on microbes, which he gave in Belfast a few weeks ago and am able to take in your further statements

G. M. Best M.D.
Rozemont. N. J.

Very truly yours
Edith Macvicar

No 520

Feb. 14th 90

My dear Sir

"La grippe" has struck us but has as well as everything else but up to date none of my family has been badly hit.

I wish to have the Bean Book by the middle of March or not later than April the first. I am glad you are pleased with the name. Beyond [illegible] of the United States will bear further examination as I have added nearly 100 species to the American list in four years. I have read both your articles with great interest and hope you will go further up the subject of the species and their allies until we get to the bottom of the subject. I have just read Prof. Tyndall's lecture on Crickets, which he gave in Belfast a few weeks ago and am able to take in your further statements.

Very truly yours
[illegible]

S. M. [illegible] M. D. Jr.
[illegible]

No 531

Feb. 14th 90

My dear Sir

Your note Jan. 20th came in due time and I deffered answering it until I knew exactly what I could do.

I think your suggestion regarding having a good turn out of Ornithologists at the Indian-apolis meeting is an excellent one and should the gathering take place I have no doubt but it will result in much good. I am very much interested just now in bird and if it be possible will be with you next year but at this date it is about decided that I will be on the Pacific Coast next summer and if so I will not be able to meet with my friends at Indianapolis in August. I will do all I can to help you but can promise nothing except absence.

Dr. Merriam writes me that I had the good fortune to add a new form of Parus to the American avi-fauna last season.

Very truly yours
John Macoun

Amos W. Butler Esq.
Brookville. Indiana

No 631

Feb. 14th 20

My dear Sir

Your note favd 4th came in due time and I deferred answering it until I knew exactly what I could do.

I think your suggestion regarding having a good turn out of Ornithologists at the Indianapolis meeting is an excellent one and should the gathering take place I have no doubt but it will result in much good. I am very much interested just now in birds and if it is possible will be with you most, but at this date it is about decided that I will be on the Pacific Coast next summer and if so I will not be able to meet with my friends at Indianapolis in August. I will do all I can to help you but can promise nothing except absence.

Our [illegible] writes me that I had [illegible] [illegible] to the [illegible] [illegible] to add a new form [illegible] last season.

Very truly yours
[illegible]

Amos W. Butler Esq.
Brookville, Indiana

No 532

Feb. 14th 90

Dear Doctor Watson

Your note of Jan. 20th was duly received and would have been answered sooner but that I was going over my collections of last season and wished to send you down a few difficulties. You will notice that Atriplex and Chenopodiums give me much trouble. I also send a fine yellow Erythronium that is common in British Columbia and flowers according to altitude from the beginning of April to the end of August.

I have written Prof. Greene about the Epilobium. It is remarkable that both Dr. Britton and yourself should have hit upon the same name for the same plant. If not asking too much I would like you to examine the plants sent at your earliest convenience as I am publishing an Addendum to my Catalogue.

Very truly yours
John Macoun

Dr. Watson
Harvard
Cambridge Mass.

P.S. How long before the New Manual will be out? I hope before my Addendum goes to press. J. M.

No 832

Feb. 19th 90

Dear Doctor Watson

Your note of Jan. 28th was duly received and would have been answered sooner but that I was passing over my collection of last season and wished to send you down a few difficulties. You will notice that Astragalus and Chenopodium pair are much trouble. I also send a fine yellow Erythronium that is common in British Columbia and Oregon according to altitude from the beginning of April to the end of August.

I have written Prof. Peckham about the Glyceria. It is remarkable that both Dr. Britton and yourself should have hit upon the same name for the same plant. By not asking too much I would like you to examine the plants sent at your earliest convenience as I am just publishing and contributions to my Catalogue.

Very truly yours
John Macoun

Dr. Watson
Harvard Cambridge Mass.

No 583

Feb'y 7th 90

Dear Mr. Bebb

Your letter and Photograph are both here. You are a younger man than I thought you were and a year or more younger than I am. I send my photo. with this. It is about like what I am though taken two years since.

"La Grippe" is no respecter of persons but so far has laid a very light hand on me and mine. We sneezed a little and felt poorly for a while but that was all. Many have died in this city with it.

It will be quite time in a month for your notes on the Willows past and present so do not hurry yourself, although as soon as you can give me the names of this sort I will be glad as after they are named

No 583

Feb 17th 90

Dear Mr. Cobb

Your letter and Photograph are both here. You are a younger man than I thought you were and 2 years a more younger than I am. I and my Brother [illegible] this. It is about like [illegible] I am through letters [illegible] years since.

"La Grippe" is an inspiration of [illegible] but so far has laid a very light hand on me and mine. He arranged a little and just [illegible] for a while but that was all. Many have died in this city with it.

It will be quite time in a month for your notes on the [illegible] first and foremost, or do not hurry yourself, although as soon as you can give me the names of them [illegible] I will be glad as often they are received

2

we mount them.

"Macouniana" was married a year ago and now has a young daughter which is a prodigy. Family all well.

Next season I expect to be down on the boundary of Washington Territory and may get some new things on the Kootanie Mountains.

Thanking you very much for your kind letter and photo.

I remain very sincerely yours. John Macoun

M. S. Bebb Esq.
Rockford
Ill.

2

at present there.

"Macounianus" was married a year ago and now has a young daughter which is a prodigy, being all well.

Next season I expect to be down on the boundary of Washington Territory and many of our new things are the [illegible].

Thanking you very much for your kind letter and [illegible].

I remain very sincerely yours.

John Macoun

M. S. Bebb Esq.
Rockford
Ill.

No 874

Ottawa July 17th 90

Dear Sir

Prof. Macoun has been so busily employed on some papers for the press and this work that he has not found time to acknowledge your letter & thank you for your determinations but hopes to do so tomorrow. In the meantime I send you four specimens for identification, please return our Chickadee and the rest and keep the others. We think the [illegible] to be [illegible] but the gentleman who sent it calls it [illegible] Whitneyi, as we have no modern specimens of the lark and cannot tell for certain which var. of O. alpestris it is. The Chickadee is not the same as the one we sent you from Kamloops. These were the only specimens of tits we sent you before. We have received a lot of birds from a correspondent

Vancouver Island, but I do not know what arrangement was
made to pay for them or any [illegible] after
etc. Would you kindly find out a price [illegible] list the skins and
names on the [illegible] the [illegible] may be [illegible]
not at all [illegible]
of you.

Yours truly
Jas. M. Macoun

C. Hart Merriam
Dept. of Agriculture,
Washington.

No. 535

Feb. 17th 90

Dear Dr. Kindberg

I have received cards dated 4/1, 11/1 & 2/2/90 besides the letter of 20th Jan and the manuscript list.

I am glad Drummond's mosses are turning out so well and delighted that you will be pleased to go on examining the mosses as you have been doing. Dicranum Macounii was not described until after 1872 so that Lindberg was right. Mr. Barnes is publishing a list of Additional Species to Lesq. & James Manual and I have sent him a complete list of your new species. My time is so fully occupied with other work that I cannot give much time to mosses but send with this another lot of odds and ends which I know must interest you as they are from a number of places. I will try and get a lot of good things next summer as I am determined to complete my moss work next year, though I will not cease collecting. I have sent another batch of descriptions down to New York to be published. Mrs. Britton is working hard. Last week she had a letter from Mr. Mitten in which he

No. 585

Feb. 11th 90

Dear Dr. [illegible]

I have received card dated 4/1, 1890 [illegible] besides the letter of 30th Jan and the manuscript list.

I am glad [illegible] received but [illegible] and [illegible] that you will be pleased to go on examining the [illegible] as you have been doing. [illegible] was not established until after 1872 so that [illegible] was not. Mr. [illegible] is publishing a list of [illegible] species to [illegible] and I have sent him a complete list of your new species [illegible] there is no [illegible] with other [illegible]. I cannot [illegible] much [illegible] but [illegible] with the [illegible] list of [illegible] and [illegible] which I [illegible] must [illegible] you as they are [illegible] a number of them [illegible] I [illegible] and get a list of [illegible] and things [illegible] as I have determined to complete [illegible] work next year, though I will not leave collecting [illegible] about another [illegible] of [illegible] down to [illegible] to be [illegible] Mr. [illegible] is [illegible] [illegible] which also had a letter from Mr. [illegible]

2

Macoun the make sure to be distinct a new species &
which he gives the name of the [illegible]. he makes
out one or two other new species to one of which
he gives the name of Macounii.

20th Feb.

Today I send fifty packets of mosses
from New Brunswick and the north western part of the
provinces. In a day or two I will send Century
IV and a few days afterward another Century of
the same. I am glad you got [illegible] of Century III.
I have now 82 species of No V and as you know
many other species of which I have only a little.

There are many things I would like
to write about but my hands are full of work.
A paper on Hepaticae and Part V of my Catalogue
which includes the Canadian Ferns and their allies
and an Addendum up to date. After these
A catalogue of the birds of Canada - over 600 pages
and then the Mosses & also the Hepaticae which
will be Part VI of the Catalogue.

Very truly yours
John Macoun

Dr. C. H. Kindberg Linköping.

2

[illegible] the [illegible] you [illegible] a new species of
which is given the name of [illegible]. The [illegible]
but one is [illegible] new species to one of which
is given the name of [illegible].

24 Feb.

Today I sent fifty packets of [illegible]
[illegible] and the [illegible] another packet of the
from the [illegible] and the [illegible] a[illegible] Catalogue
[illegible] for a day or two [illegible] I sent Catalogue
IV and a few days afterwards another Catalogue of
the same. I am glad you got hold of Catalogue III.
I have never [illegible] specimens of the V and as you know
many other species of which I have only a little
There are many things I would like
to write about but my hands are full of work
[illegible] papers on [illegible] and Part V of my Catalogue
which includes the Chinese [illegible] and then [illegible]
and are [illegible] up to date. After these
a Catalogue of the birds of Canada – also [illegible]
and then the [illegible] & [illegible] the [illegible] which
will be Part VI of the Catalogue [illegible] Dominion
[illegible]

No. 536

Feb. 17th 90

Dear Mr. St. Cyr

The fern paper is now going through the press. In putting in some of your notes today I came across Woodsia obtusa, Lime. As we have only two Canadian stations for this fern, I have made feel doubtful the occurrence of it at the place mentioned and have not entered it. Could you look at and compare the specimen with W. glabella and hyperborea, possibly you have W. montana. Could I see the specimens?

Very truly yours
John Macoun

D. N. St. Cyr
Dept. of Instruction
Quebec

No. 5.16

Feb 19th 91

Dear Mr. H. [illegible] Esq

The four papers [illegible] accompanying through the press. The printing [illegible] by your order today I [illegible] [illegible] [illegible] As we have only four [illegible] for this [illegible], I have made [illegible] [illegible] [illegible] of it at the [illegible] has not [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] your [illegible] [illegible] I [illegible] the [illegible]

Very truly yours
Allen Hazen

[illegible] H. Esq
Dept. of Instruction
Quebec

No 537

Feb. 18th 90

Dear Mr. Bennett,

By today's mail I send the Potamogetons collected in British Columbia last season. There may be nothing new amongst them but in over twenty specimens there must be something of interest. I also send you a Lemna, and a few Callitriches.

The Spargania are of course for Mr. Beeby. I may say ~~to you both~~ that the specimens are as good as we could get. The tract of country examined extended from the coast eastward for 350 miles.

I have had all the mosses examined named by Kindberg and have added over 50 species to the Moss flora of North America so you see we are busy straightening things etc. I have not reached the Carices yet but will be at them in a couple of weeks, should there be anything of interest I will send them to you.

Very truly yours
John Macoun

Arthur Bennett F.L.S.
Croydon England

P.S. Should there be any other news [illegible] among the Potamogetons [illegible] from you as early as possible as I am publishing an [illegible] J. M. [illegible] received ~~[illegible]~~

No 537

Feb. 19th 90

Dear Mr. Bennett

By today's mail I send the Potamogetons col-lected in British Columbia last season. There may be nothing new amongst them but in one lot of specimens there must be something of interest. I also send you a [illegible], and a few Batrachiums.

The Sphagnums are of course for Mr. [illegible].

I may say to you that the specimens are as good as we could get. The last of each variety were collected from the coast eastward for 350 miles.

I have had all the various mosses named by Kindberg and have added over 50 species to the Flora of North America so you see we are busy straightening things up. I have not reached the Lichens yet but will be at them in a couple of weeks. Should there be anything of interest I will send them to you.

Very truly yours
John Macoun

Arthur Bennett F.L.S.
Croydon, England.

[illegible]

No 538

Feby 17th 80

Dear Prof. Barnes

Your card of the 13th inst. reached me today. In answer I may say that the Ottawa paper was published first. The reason that Pylaisia [illegible] and Homalothecium [illegible] were not included in the list sent to the Torrey Bulletin because in Ottawa I only published species found there and in New York only a small portion of those I had. As it may interest you I append a list of species part new to science and part new to America detected by me since the manual was published. Many of the subjoined species have passed through the hands of Rev. & Card. C. Muller, [illegible], Mitten and others so that in most cases they may be considered genuine species.

Besides the 107 species in the accompanying list there are still a number that are still in doubt and some of which are now in the hands of Cardot and Mitten. If you can find room for the list publish it if not do what you please with it. ~~[illegible]~~

No 538

Feb 17th 90

Dear Prof Clemens

Your card of the 12th inst. reached me today. In answer I may say that the Ottawa paper was published first. I've seen that Dr. Carpenter's ... and ... were not included in the list at the end of the Survey Bulletin because in Ottawa I only published species found there and in New York only a small portion of those that. As it may interest you I append a list of species just now to decide and part of them to Carpenter's collection by me since the manuscript was published. Many of the subjoined species were passed through the hands of Prof. Conrad, Meek, Tuomey, Whitfield and others so that in most cases they may be considered genuine species.

Besides the 107 species in the accompanying list there are quite a number that are still in doubt and some of which are now in the hands of Conrad and Whitfield. If you care and wish for the list publish it if not do what you please with it.

2

You will find by the list that no less than 66 are new to science and the balance or 41 additions to the North American Flora. You may say that you will not accept these species and no one can object but the fact that 107 forms considered distinct by an acknowledged authority have been found by me shows conclusively that much work has yet to be done on both sides of the line 49.

Very truly yours
John Macoun

Prof. C. R. Barnes
Madison
Wis.

2

You will find by the list that we have there
66 new to Science and the balance or 41 additions
to the North American Flora. You may say that
you will not accept these species and not one
has a right but the fact that 107 forms considered
distinct by an acknowledged authority have
been found by one whose botanical knowledge
work has yet to be done on both sides of the
line 49.

Very truly yours
John Macoun

Prof. C. R. Barnes
Madison
Wis.

No 539

Feb. 20th 10

Dear Mrs. Britton

Your note of the 17th inst. has reached me and I send herewith specimens of Grimmia calyptrata, and a small specimen of G. Columbiae. I think I see what you are after. You are bound to make the two species one. Do it if possible.

I will send the specimens to Dr. Britton tomorrow.

Prof. Barnes wrote me about the new mosses and I send him today a list of 117 species to add to the Manual 66 of which are new to science. I think I can claim a most extraordinary showing.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York

No 535

Feb 26th 9[illegible]

Dear Mrs Britton

Your note of the 17th inst. has reached me and I send herewith specimens of Grimmia calyptrata and a second specimen of G. Columbiae. I think I see what you are after. You are bound to make the two species one. As is possible I will send the specimens to Dr. Britton tomorrow.

Prof. Barnes wrote me about the new moss and I send him today a list of 112 species and the Manual list of which the new to science. I think I can obtain a most interesting showing.

Very truly yours
J. Fred Macoun

Mrs. E. G. Britton
Columbia College
New York

No 540

Feb. 20th 90

Dear Doctor Watson

The "New Manual" has reached me; I have only looked through a little of it and am much pleased with it. I find I can recommend it to our people in Manitoba as nearly all our north western plants are in it.

In a few days I will write again regarding it as I am intending to go over it carefully and change the synonymy of my Catalogue to agree with it.

Thanking you very much for your kind remembrance I remain yours

Very truly

John Macoun

110540

Feb. 20th 90

Dear Doctor Britton

The "New Manual" has reached me, I have only looked through a little of it and am much pleased with it. I find I can recommend it to our people in Manitoba as many of our north western plants are in it.

In a few days I will write again regarding it as I am intending to go over it carefully and change the Synonymy of my Catalogue to agree with it.

Thanking you very much for your kind remembrance I remain yours

Very truly

John Macoun

No 542

Feby. 21st 90

My dear Sir

Your letter with the galley came safely. Only one galley was sent. Keep the manuscript as we do not want it any more. We spell Nepigon as above because later authorities say that is the way. I have put your name and a note before Ophioglossaceæ.

You are right only use Lawson's second book when his synonymy differs from yours. I would just put in his own page as it is not your business to know any thing further.

In going over the proof I send today I have marked all corrections I thought were necessary. I have thought that possibly I was wrong in changing the And between Macoun & Burgess. If you prefer the original way stet my correction. Remember that I expect you to send back the proof just as you wish it to appear. I shall read all your corrections carefully and see that they are put in just as your desire and will return the galleys with your corrections. It will be paged next time.

No 542

Feby. 21st 90

My dear Sir

Your letter with the galley came safely. Only one galley was sent. Keep the manuscript as we do not want it any more. The slip referred to above became lost. Subscription say that is the way I have put your name and a note before the Office Government.

Yes. we might not use Lawrence's Russell book where his typography differs from yours. I would put just his own flag. as it is not your business to know any thing further.

In going over the proof I used today I have marked a few corrections I thought were necessary. I have thought that possibly I was wrong in changing the and between Macon & Durgin. If you prefer the original way, DO my corrections. Remember that I expect you to read thoroughly the proof just as you wish it to appear. I shall read as your corrections carefully and see that they are put in just as you desire and will return the galley with your corrections. It will be proof read there.

2

The last of your manuscript was read yesterday so that you may expect the balance in a day or two. Send this back as soon as possible as the printers are pushing the work through now.

Very truly yours
John Mann

Dr. T. J. Burgess
Insane Asylum
Hamilton Ont.

P. S. Notice and insert Mr. Amis's drawing
J. M.

2

The last of your manuscript was read yesterday so that you may expect the balance in a day or two. Send this back as soon as possible as the printers are pushing the work through now.

Very truly yours
Paul Warren

To E. J. Bergman
Insane Asylum
Hamilton Ont.

P. S. Note and insert Mr. Cross's drawing
J. M.

No 543

Feb. 21st 90

Dear Dr. Britton

Your note came in due time and today we send a box containing every mounted specimen we have of Ranunculus and Anemone. As all our correspondents got their share of the Polypetalae this winter we have specimens worth anything in stock. My son has just looked over the duplicates and found none. Take a specimen off a sheet of R. Lapponicus if you so desire.

Write your notes on the sheets but do not bother with the synonymy further than there is evidence of want of knowledge on our part. I have been waiting until the Polypetalae would be published. You will see notes in pencil where I intended to change please ignore these and write your decision. You will oblige me if you could send me your notes within two weeks as I am getting the addendum ready for the printer. Keep ~~your~~ the specimens until the middle of April if necessary.

Yours truly
John Macoun

Dr. N. L. Britton
Columbia College
New York

[illegible]

No 373

Feb 27th 90

Dear Dr. Britton

Your note came in due time and today
I send a box containing every [illegible] speci-
mens we have of Cannabinaceae and Urticaceae. As
to our arrangement of the three of the Polygonaceae
this winter we have specimens with everything in
order. They are the first lot of the [illegible]
and present more, but a specimen or a sheet
of [illegible] if you so desire.

I note your notes on the [illegible] but not
better with the [illegible] there is
evidence of want of knowledge on our part. I have
been waiting until the Polygonaceae was in the publisher's.
You will see note in [illegible] where I intended to change
them if more others and write your decision. You
will oblige me if you would send me your notes
written [illegible] as I am putting the [illegible]
ready for the printer. Thank you for the specimen with
the schedule of what of [illegible] Yours truly

John Macoun

N. L. Britton
Columbia College
New York

No 5[illegible]4

Feby 21st 90

Dear Prof. Scribner

Your letter of 16th inst has reached me. In answer I may say that I would like to receive your report as soon as possible but I can wait to the middle of March. I am getting ready an Addendum to Parts I–IV and will want your notes for the latter part of this. It is the winding up of Part V and which is now going through the press. Should you put your notes in shape I will publish the whole of them in the above connection. Next season I will likely be in Lat. 49° or 54° in the mountains. In either case I will collect many fine things.

Thanks for your good intentions regarding the mosses. I sent a list of 107 species to Prof. Barnes yesterday 41 of which are new to America and 60 others new to Science. How is that for four years work in that branch.

Very truly yours
John Macoun

F. L. Scribner
University of Tennessee
Knoxville Tenn.

No 524

Feby 21st 90

Dear Prof. Davidson

Your letter of 10th inst has reached me. In answer I may say that I would like to receive your report as soon as possible but I can wait to the middle of March. I am getting ready an addendum to Parts I–IV and wish much your notes for the latter part of this. It is the rendering of Part V and which is now going through the press. Should you put your notes in shape I will publish the nature of them in the above connection. Next season I will likely be in lat. 49° or 54° in the mountains. The within card will tell many fine things.

Thanks for your good instructions regarding the mosses. I sent a list of 107 species to Prof. Barnes yesterday 41 of which are new to Canada and 20 others new to science. How is that for three years work in that branch.

Yours truly
John Macoun

Prof. Davidson
University of [illegible]
[illegible] Iowa

No 545

Feby. 21st 90

My dear Sir

Your note and the report of the Ornithological Section of the Canadian Institute were both received. Thanks for your kind wishes and eulogistic remarks regarding my ability to make a useful list of our Canadian Birds. I intend to do as I did in the case of the plant list, credit every one for what they say but should I think their statement is wrong I will say so and give my reasons.

Last year we did well and obtained many rare birds in British Columbia. Dr. Merriam writes me that a Parus we obtained at Kamloops is a new species and not in the National Museum at Washington. I have found many valuable notes in the Report alluded to above, these I will insert in my Catalogue. I am determined to make it as complete as possible.

Very truly yours
J. Macoun

Ernest E. Thompson
86 Howard St.
Toronto

No 515

Feby. 24th 90

My dear Sir

Your note and the report of the Ornithological section of the Canadian Institute were both received. Thanks for your kind wishes and sympathetic remarks regarding my ability to make a perfect list of our Canadian Birds. I intend to do so. In the case of the plant list, would accept every one for what they say but where I think their statement is wrong I will say so and give my reasons.

Last year we did well and obtained many new birds in British Columbia. Mr. Streator writes one thing a Crane we obtained at Westminster is a new form and not in the National Museum at Washington. I have found many valuable notes in the Report attached the above, these I will insert in our Catalogue. I am determined to make it a success.

Yours truly
John Macoun

Ernest E. Thompson
86 Howard St.
Toronto

No 546

Feb. 21st 90

Dear Mr. Bebb

I was very much pleased to get your letter of the 15th inst. as I hoped you would not be disappointed in the bundle of willows from the mountains and west coast. I am glad we struck the new species conjuncta and commutata.

In putting your notes in the Catalogue I will state explicitly that the corrections are yours as I consider I honor myself by mentioning that the Salices are your work. I understand exactly what you intended by the line below the notes and will see that the corrections are made properly. Were the notes twice as long I would publish them gladly as I am after facts and truth and none will ever be suppressed by me. Keep the type specimens as long as they are of use to you as I am too busy to work critically at anything. I have so many irons in the fire that I cannot do half what I want to do.

No 546

Feb. 21st 90

Dear Mr. Potts

I was very much pleased to get your letter of the 13th inst. as I hoped you would not be disappointed in the bundle of mosses from the mountains and west coast. I am glad we should be more specific Conjugatae and Conservatae

In putting your notes in the Catalogue I will state explicitly that the corrections are yours as I consider I honour myself by mentioning that the [illegible] are your work. I understand very well what you intended by the line below the notes and will see that the corrections are made properly. For the notes being so long I would publish them gladly as I am after facts and truth and now will we be enlightened by one Flora the type specimens as long as they are [illegible] to you as I am too busy to write extensively of every thing. I have so many irons in the fire that I cannot do half what I would like to do.

I send with this my Photo. which is said to be a fair representation of me as I was two years ago.

I will look out for the Gazette. Dr. Watson has sent me the new Manual. There are numerous changes in it.

I may be in the mountains in Lat. 54° next summer. If so look out for Cumming's willows in the Autumn. I am glad you have started to mend. I believe my Willows were the medicine that "fetched" you.

Very truly yours
John Macoun

M. S. Bebb Esq.

Rockford
Ill.

The mountain referred to is Mount Queest!

P. S. Notice what I say of S. herbacea and S. arctica var. petraea Both refer to S. arctica var. petraea. I have no mountain specimens of S. herbacea from the Rocky Mountains so I mixed the two species.
J. M.

I send with this my Photo which is said to be a fair representation of me as I was two years ago.

I will look out for the [illegible].

Dr. Winters has sent me the new Manual. There are numerous changes in it.

I may be in the mountains in Lat. 34° next summer. If so look out for [illegible] in the autumn. I am glad you have started to mount. I believe my Willows were the specimens that pleased you.

Very truly yours
[illegible] Warren

M. S. Bebb Esq.
Rockford
Ill.

The mountains referred
to is Mount [illegible]

P.S. Notice what I say of S. [illegible] and S. [illegible] var. [illegible]
[illegible] refer to S. [illegible] [illegible]. I have no [illegible] specimens
of S. [illegible] from the Rocky Mountains [illegible] the two [illegible].
[illegible]

No. 517

Ottawa Feby 24th 90

Dear Sir

Many thanks for your determinations of the specimens which reached me to-day. [I] must trouble you once more, for the last time this winter I think. I have been examining the birds received from Vancouver Island and am not certain about the [illegible] which I send to-day. Will you kindly determine and return the specimens unless it be [one] you would like for your own museum. We have in our ~~[illegible]~~ one this specimen. We have in our museum specimens of Lanius borealis only. I thought this might be L. ludovicianus gambeli!

Dr. C. ~~Hart~~ Merriam
Washington D.C.

Yours truly
Jas. M. Macoun

P.S. My father is working with the Cruciferae and says he will write [illegible] [illegible] to anything else until he sharpens up [illegible] specimens.

Ottawa July 24th 90

Dear Sir

Many thanks for your determinations of the specimens which reached me to-day, [illegible] most [illegible] they were, for the last [illegible] the winter I thought I have been [illegible] the first [illegible] for them. [illegible] I send to-day, will you kindly determine [illegible] the specimens [illegible] [illegible] for you [illegible] the specimens. We have [illegible] specimens [illegible] I [illegible] be [illegible]!

[illegible] Yours truly

[illegible]

[illegible]

Feb. 26th 90

The Hon.
The Minister of the Interior
Sir

I had the honor to receive your note this morning with the enclosed letter from Mr. John S. Warren of Montreal.

In answer I may state that at present I know nothing of where I may be next season, but should I go where I desire to go I would be in British Columbia. Owing to my peculiar duties I never require a party in the sense of a survey party, but only a couple of men who know their work. My son who has been my assistant six years will be one and a man whom I had last year and is an expert at cooking, shooting birds and mammals and preparing their skins will be the other. These two men and myself can do all the

Feb. 24th 91

The Hon.
The Minister of the Interior

Sir

I had the honor to receive your note this morning with the enclosed letter from Mr. Fred A. Fraser of Montreal.

In answer I may state that at present I know nothing of where I may be next season, but should I go where I desire to go I would be in British Columbia. During my previous duties I never require a party in the sense of a survey party, but employ men who know their work. My one other has been my assistant six years and he one and a man whom I had last year and is an expert at camping, chopping bush and [illegible] and packing. These others will be the other. These two men and myself can do all the

2

work as we know exactly what we want.
Both men can carry loads if necessary and
manage a boat or canoe in any water so
that both for economy and efficiency I
want no more. We are not confining
ourselves to botany but are working up
the whole Natural History and trained men
are only those who would be of any use.

By the above you will see that neither
Mr. Warren nor any other gentleman would be
required by me next summer if I am asked
by Dr. Selwyn to examine that part of the
country — Kootanie District — where I purpose
going

I have the honor to be
Sir
Your obedien[illegible]
John M[illegible]
Nat[illegible]

No 529.

Feb. 24th 90

My dear Mr. Burdett

Your note with enclosure reached me this ~~afternoon~~ morning and as soon as Dr. Selwyn came I went to see him. As usual he objected and said you could not get them but later on after I had talked big to the librarian I believe they were sent to you on the ground that you had none before.

At present there are in the basement of the museum over 5000 copies of the four parts which you received today and I am prevented from placing them in the hands of those they were intended to benefit. You will get an opportunity of asking why these are printed if they were intended to be sold, and why men to whom they would be useful in Canada cannot get them without they purchase them. My hands are tied and I cannot get even a copy for

No 529

Feb. 24th 90

My dear Mr. Bandelier

Yours with enclosures reached me
this afternoon and as soon as Dr.
Winsor came I went to the Library. We must be
disgusted and ... you must not get them
out later on after I had talked long to the
Librarian I believe they were sent to you as the
present that you had none before.

At present there are in the basement of
the Museum over 5000 copies of the four parts
which you mentioned today and I am prevented
from placing them in the hands of those they
were intended to benefit. You will get an idea
of the [illegible] of asking why these are printed if
they are ... and why ...
where they cannot be accepted in Canada Cannot
get them without they purchase them. My hands
are tied and I cannot get even a copy for

2

myself without paying for it.

We are all enjoying good health and looking forward to the advent of spring with much interest as we are to having a wedding in spring.

Wishing you a good conscience after the Conservative (?) vote you gave on Friday evening I remain yours truly

John Mason

L. B. Bendett M. P.

Ottawa

2

myself without paying for it.

We are all enjoying good health and looking forward to the advent of spring with much interest as we are to have a wedding in spring. Wishing you a good success after the Commencement(?) into your new Sunday morning I remain yours truly

Alfred Mason

L. O. Dunbar M.D.

Ottawa

2

work in connection with your local Museum.

I would advise placing in the Museum in Victoria properly named specimens of every thing you can collect in any part of British Columbia. You should have a man who would look after the naming and labeling of the specimens found or before long you would have a mass of rubbish that would be useless. Should you apply to Dr. Selwyn he will authorize me to put you up a lot of British Columbia plants next winter as we have a large stock of them on hand and will likely collect many more the coming summer. Depend upon me doing everything to help you I possibly can. There is no better field in Canada than your own island for collecting interesting things. Two years ago I discovered a new species of fish at Oak Bay and last season a obtained a new Chic-a-dee at Kamloops. Your Pigmy Owl and Butcher Bird are both Californian

work in connection with your local Museum.
I would advise placing in the Museum
in Victoria perfectly named specimens of every thing
you can collect in any part of British Columbia.
You should have a man who would look after
the naming and labelling of the specimens found
or before long you would have a mass of rubbish
that would be useless. Should you apply to the
Co. Surveyor he will authorize me to fit you
up a lot of British Columbia plants [illegible]
&c. We have a large stock of these on hand and
will likely collect many more the coming sum-
mer. [illegible] specimens not being [illegible] I left
you I [illegible]. There is no better field in
Canada than your own island for collecting
interesting things. Two years ago I discovered
a new species of fish at Oak Bay and last
season I obtained a new [illegible] at [illegible]
from [illegible] Oak and [illegible] Bird [illegible]
[illegible]

3

forms and not what they are supposed to be. You see there that you have a wide field and I am quite willing to help you in any way I possibly can, both by advice and an exchange or presentation of specimens.

Should it be necessary I can run down to Victoria next fall as I hope to spend the coming summer in the Kootenai country.

With kind regards
I remain
Very truly yours
John Macoun

Charles F. Newcombe M.D.
P.O. Box 127
Victoria
British Columbia

known and not what they are supposed to be. You are there that you have a rich field and I can give nothing to help you in any way I possibly can, both by advice and in exchange or presentation of specimens.

Should it be necessary I can soon down to Victoria next year as I hope to spend the coming summer in the Northern country.

With kind regards
I remain
Very truly yours
John Macoun

Charles F. Newcombe M.D.
P.O. Box 17
Victoria
British Columbia

No 550

Feb. 24th 90

My dear Sir

Your letter of the 17th inst. reached me today. The list of Lichens you refer to is only a partial one. I have at least 150 species of British Columbia lichens named and could very likely name all you might send. At any rate if you send your difficulties to me I will try and get all named for you that I cannot name myself. Two years since M. Fries of Norway named 100 species of Vancouver Island Lichens for me and these will very likely cover all you may send.

I know of no check List of British Columbian plants and I believe there are none. Part V of my Catalogue of Canadian plants is going through the press and will be distributed next summer.

I am very glad to know that you are about to form a Field club and that it will

No. 550

Feb. 24th 90

My dear Sir

Your letter of the 17th inst. reached me today. The list of Lichens you refer to is only a partial one. I have at least 150 species of British Columbian Lichens named and could very likely name all you might send. At any rate if you send your duplicates to me I will try and get all named for you that I cannot name myself. Have you seen Mr. [illegible] having named 110 species of Vancouver Island Lichens for me and these will very likely be all you may need.

I know of no [illegible] list of British Columbian plants and I believe there are none. Part V of my Catalogue of Canadian plants is going through the press and will be distributed next summer.

I am very glad to learn that you are about to form a Field Club and that it will

[illegible]

No 551

Feby 24th 90

Dear Dr Merriam

You have placed me under great obligation by your promptness in naming our specimens and giving us advice. We have made a start and you have waked us up. I have too many irons in the fire but my son is on the alert and next season he will get more novelties in birds and mammals than we did ~~this~~ last year.

I was much puzzled over the Melospiza. You say that the Burrard Inlet and Agassiz specimens are typical. These were west of the Coast Range. The Kamloops & [illegible] specimens are not typical and they are from between 200–300 miles ~~west~~ east of the Coast. Should we not be able to get other specimens of the new Parus next season I will send you the one we have.

The little Chief Hares were procured under a broken cliff at an elevation of less than 1400 feet

2

and fully 4500 feet below the limit of trees. I was surprised to find them where they were shot. The Spermophilus empetra erythrogluteia was shot on Mount Queest at an altitude of nearly 7000 feet. The mountain in question is one of the Gold Range that runs parallel to the east bank of the Columbia after it makes its great southern bend. I obtained other specimens of the same species at Castle Mountain in the Bow River Pass of the Rocky Mountains in 1885. They were obtained at about 4700 feet altitude.

I was doubtful about the Pigmy Owl and today we send another puzzle — a Shrike. It is quite evident we have plenty to do in the line yet and that even in birds there is still something new to be had. Next season we are going to try and intercept the birds as they pass up the Columbia towards the Big Bend. I am going to station my man at Revelstoke

2

early in April so as to get the first spring
moving matter. I hope to add some more data
to that of last year and of course will repeat it
to you. I will leave for the west in about seven
weeks and hope to have the names of the Reptiles
before I go and the instructions regarding the
collecting of fish. The latter will be one of my
chief employments during the summer.

Very truly yours
John Macoun

C. Hart Merriam M.D.
Washington
D.C.

No 553

Feb 25th 90

My dear Sir

Your kind notes came in due season but by some means the letter eluded me and I was very near passing you by. Please accept my best thanks for the notes and get me as many others as you can next season as the Bird Catalogue will then be printed.

I have now in the press Part V which however only includes the ferns and their allies and the Characeae. There will also be an addendum and an index. I am also publishing a paper on Canadian Hepaticae which includes 165 species and twelve plates of drawings.

I cannot answer your question yet about Carex bicolor as I have not reached the Carices yet this winter. I will be at them in a few days and will then review all my work for the last three years so as to put everything right in the addendum.

No 553

Feb 25th 90

My dear Sir

Your kind note came in due season but by some means the letter eluded me and I was very near passing you by. Please accept my best thanks for the note and get me as many those as you can most secure as the Bird Lith-ographs will then be printed.

I have now in the press Part V which however only includes the Terns and Gulls also and the Cormorants. These will also be an ad-dendum and an index. I am also publishing a paper on Hawaiian Passerine Birds which includes 165 species and twelve plates of drawings.

I cannot answer your question yet about some birds as I have not reached the Canaries yet this winter. I will be at them in a few days and will then review all my work for the last three years so as to put Everything right in the addendum.

2

I am changing the synonymy of Parts I–IV to agree with Gray's Manual edition VI just published. This goes in the Addendum.

Please send up all your difficulties as soon as you receive this as you may possibly have something new. Bailey has another long article on Carex and I will make changes out of it when I reach Carex in my revision.

John Brittain Esq Very truly yours
Fredericton John Macoun
N.B.

P.S. Next autumn send me any list of the birds of your province or district you can vouch for and I will insert it. I think C. bicolor will stand.

J. M.

2

I am changing the numbering of Prob I-IV to agree with Gray's [illegible] edition VI just published. This goes in the Addendum.

Please send off all your difficulties as soon as you receive this as you may possibly have something new. Bailey has written long article on Cause and I will make change out of it when I reach Cause in my revision.

[illegible] Esq
Manchester

Very truly yours
John [illegible]

N.B.

P.S. Send [illegible], send me any list of the [illegible] of your [illegible] a [illegible] you can [illegible] for and I will [illegible] it. I think [illegible] will do.

J. M.

No 554

Feb. 25th 90

My dear Sir

Your note of 21st inst. has been re-
-ceived informing me that you have placed
my name on the list of the North-West Farmer
& Millers has been received. Please accept my
thanks for your kindness, and command me
when I can be of any use to you.

Would it not be worth while for you
to insert a notice in your paper that I would
name any plant of any description sent me
by any of your subscribers and my answers
to the correspondent would always be found in
your paper. I could write direct to the paper.
It might be well also to notice that anything
sent to me in my official capacity and limited
to the office carried free.

Very truly yours
John Macoun

Acton Burrows Esq.
Winnipeg.
Man.

No 654

Feb. 25th 90

My dear Sir

Your note of 21st inst. has been re-
-ceived informing me that you have placed
my name on the list of the "Nor'-West Farmer
& Miller" has been received. Please accept my
thanks for your kindness and command me
when I can be of any use to you.

Would it not be a [illegible] for you
to insert a notice in your paper that I would
name any plant of any description sent me
by any of your subscribers and my answer
to the correspondent would always be found in
your paper; I would ask [illegible] the paper.
It might be well also to notice that anything
sent to me in my official capacity and directed
to the Office would come free

Very truly yours
John Macoun

Acton Burrows Esq.
Winnipeg.
Manitoba.

No 58

Ottawa July 28th 90

Dear Dr. Burgess

My father has read your letter and we have gone over the proof together carefully and made such corrections as seemed best. I shall tell you what has been done and if there is anything further you wish changed write upon the receipt of this and it will be done when the proof comes up again from Montreal.

If in the first galley you read "and" was used in [illegible] when we have it again. [illegible] will change it to "&" [illegible] and in the [illegible] are not included in Hook. [illegible] Place, and Romaine [illegible] English [illegible] Blackman is used [illegible] but I like the [illegible] being given as a synonym only [illegible] at the Parliamentary Library and hunt the matter up at [illegible] in the Appendix Calyptogramma [illegible] was made by [illegible] to Franklin's Narrative. [illegible] Printed forms with Smith. So I find in [illegible] Printed [illegible] and I have changed [illegible] Fl. Am. — (I forget the page)

to this but will leave it as it stands if your reference
is the other? Is it? How is it that in [illegible] [illegible]
and [illegible] [illegible] it is [illegible] to [illegible]? The 2 after
Mattagami is Correct it a [illegible] Mattagami. The N.W.T.,
was cut out in Capt. [illegible], after Bell's
reference because it was inserted after Hudson Bay
the reference read "Nelson River near Hudson Bay" and
Hudson Bay has been considered sufficiently [illegible] in
this [illegible] as we understand the term N.W.T. it
applies only to that part of Canada, N.W. of Manitoba,
but Saskatchewan River, Cross Lake. Nelson River
the one included in Keewatin and I have inserted
Keewatin both after this reference and the one
for P. [illegible]. The reason for changing [illegible]
to [illegible] after [illegible] Road is that here the [illegible]
Road is only taken as applying to the first
45 miles or so of the Route that is as far as
[illegible] [illegible] but your correction has been
[illegible] [illegible] a mistake to change. [illegible] the sentence
left. It was a mistake [illegible] [illegible] in the
[illegible]

[illegible] had did not notice ~~[illegible]~~ but the
new species was described (v. [illegible]), the correction
has been made. My father wishes me to ~~[illegible]~~ express
regrets to your part to the catalogue as I think
[illegible].

Yours truly
Jas. W. [illegible]

No 585

Feb. 25th 90

My dear Sir

Your note with preface to your list came in due time and will be put in my preface to the Bird Catalogue. It is now definitely settled that the work will be done next winter. I have all the work on hand that I can get finished this winter and I leave for the field a little after the middle of April.

Please keep your eyes open the coming summer so that we may get additional information from you next autumn

Very truly yours
John Macoun

F. L. Farley Esq
St. Thomas
Ont.

P.S. your list of 187 species is a very full one and as you must be aware comes well up to be complete for your district
J.M.

Feb 23rd 98

My dear Sir

Your note with payment of your list came in due time and will be put in my paper to the Bird Catalogue. It is now definitely settled that the work will be done next winter. I have all the work on hand that I can get fin-ished this winter and I leave for the field a little after the middle of April.

Please keep your eyes open the coming summer so that we may get additional in-formation from your neighbourhood

Very truly yours
John Macoun

F. L. Farley Esq
St. Thomas
Ont.

P.S. Your list of 137 species is a very fair one and as years must pass more will come out to be complete for your district J.M.

No 886

Ottawa July 26th

Dear Sir

By this mail I shall send you specimens of a Botrychium collected at Kamloops which does not appear to be the B. virginianum. If you have anything like it or can determine it for us we shall feel obliged. My father wishes to include it in Part V of his Catalogue now going through the press so that he would be glad of your opinion as soon as you ~~can~~ have leisure to examine the specimens.

Yours truly
Jas. M. Macoun

Dr. N. L. Britton
Columbia College
New York.

No 587

Ottawa Feby 21st 90

Dear Sir

There was mailed to you this morning specimens of a [illegible] collected near Kamloops B.C. which my father thinks new. I would be glad to have your opinion upon it when you report upon the other specimens sent you some days ago.

Yours truly
Jno. M. Macoun

Dr. Sereno Watson
Harvard Herbarium
Cambridge Mass.

No 558

Ottawa Feby 26th 90

Dear Sir

Many thanks for the specimens you was good enough to send. My father has examined them and finds that as he thought none of your Canadian specimens are Woodsia obtusa. On one sheet they are all W. alpina (young) and on the others W. Ilvensis — but with the specimens are mixed pieces of Cyst. fragilis which I have marked C. On one of your sheets is a specimen of Cystopteris bulbifera which I have marked in pencil. I return the specimens with thanks for your kindness in sending them.

Yours truly
Jas. M. Macoun

Dr. D. N. Saint Cyr
Dept. Public Instruction
Quebec.

No. 3:57

Chicago Feby 22nd 90

Dear Sir

Many thanks for the specimens of [illegible] which came to hand. [illegible]

[illegible]

[illegible] of Egypt. [illegible]

[illegible]

[illegible]

Yours truly

[illegible]

[illegible] Esq

[illegible] Public Gardens

[illegible]

No 57

Feb. 25th 90

My dear Madam

In my last letter I omitted to thank you for your notes on that Hypnum that has so many names. I am not quite satisfied yet but will let it stand over for a while.

Thanks for Grimmia pictures which I will examine at let you know my opinion about before I close this.

You misunderstood me about G. calyptrata When I compared my old specimens with Columbia and saw the stress you laid upon a calyptra I was satisfied you were going to smash my new species. Now I say go in and smash all you can so that there may be a clearing up of these difficulties just as they occur. I am very glad you have raised the question about these species and I hope you will inform Kindberg who will be glad to know that he can be tripped up on this side of the water.

No 857

Feb. 25th 90

My dear Brandon

In my last letter I omitted to thank you for your article on that Polyphemus that has so many names. I am not quite satisfied yet but will let it stand over for a while.

Thanks for [illegible] letter which I now return & let you know my opinion about [illegible] I do think.

You misunderstood me about the Calyptra when I compared my old specimens with [illegible] and saw the others you had upon a Calyptra I was satisfied you were wrong to remark my own opinion. Now I say for it and remarked you see as that what may be a clearing up of the [illegible] their differences just as they occur. I am very glad you have raised the question about these species and I hope you will [illegible] either wait to be glad to know that he can be [illegible] on this side of the matter.

2

I have examined both specimens of _R. patens_ and
have concluded that the shorter of the two is _R. patens_
or the same as my No 96 Canadian Musci. The larger
may be the same and I believe is but am not certain
R. obscurum is a much stouter though not a larger
plant and the capsule is longer and _not_ tipped
with red as in yours & my specimens of R.
patens.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

2

I have examined both specimens of B. peltatus and have concluded that the [illegible] of the tree in B. peltatus is the same as may be the [illegible] [illegible]. The large may be the same and I believe is but one and [illegible] B. [illegible] is a much [illegible] though not a large plant and the capsule is longer and [illegible] [illegible] with [illegible] as in [illegible] very specimens of B. peltatus.

Very truly yours
[illegible] [illegible]

Mrs. E. G. Britton
Columbia College
New York.

No. 560

Feb. 27th 90

Dear Mr. Pearson

I send with this the ~~the~~ paged proof up to No. 110. All the corrections on the proof sent are the last we can make. It is just possible that sixteen pages will have to be struck off before I hear from you. In that case we will put in a list of errata.

I also return your manuscript so that you may see what we ~~we~~ have done.

Your letter of Jan. 16th came in due course. I will see that you get from 30 to 50 copies of the paper for a certainty. I may be able to get you one hundred copies but not less than what I mention.

Very truly yours
John Macoun

W. H. Pearson
Manchester
England

P. S. Please write a short introduction if you would be so good as I may not say what you desire.
J. M.

No 560

Feb. 27th 90

Dear Mr. Pearson,

I send with this the proof sheet of p. 120. All the corrections on the proof sent on the last we can make. It is just possible that nineteen pages may have to be [illegible] before I hear from you. In that case we will put in a list of errata.

I also return your manuscript so that you may see what we have done.

Your letter of Jan. [illegible] came in due course. I will see that you get from 20 to 50 copies of the preface for distribution. I may be able to get you one hundred copies but not till then [illegible] [illegible] quantities.

Very truly yours
John Wilson

C. H. Pearson
Manchester
England

P.S. Please write a short introduction if you would be so good as I may put my whole [illegible] desire.
J. W.

No 561

Feb 27th 90

Dear Senator Beck

After talking with you last evening I found it was better to let things take their course as there was nothing really in the title of the bill I could object to and it was not necessary for me to see you.

Generally the bill suits me very well as its provisions are made in the general interests of the country. As an individual I might desire a change ~~but~~ or two but confess I prefer to let well enough alone

I remain

Very sincerely yours

John Mason

No 521

Feb 27th 91

Dear Secretary Rusk

After talking with you last evening I found it was better to let things take their course as there was nothing really in the bill of the kind I could object to and it was not necessary for me to see you. Generally the bill suits me very well as its provisions are made in the general interests of the country. As we understand I might desire a change [illegible] but before I prefer to let well enough alone

I remain

Very sincerely yours

Alfred Marean

No 562

Feb. 27th 90

Dear Prof Scribner

Your notes came today and I am very glad that you asked for the specimens on which they are founded.

I agree with you that our grasses need careful examination. Your notes are revelations in many respects but I cannot dissent from your views as I am convinced you are quite competent to speak on this matter.

Regarding "Elymus Macounii" I may say that three years ago I gave seeds of it to Prof. Saunders of our Experimental Farm and the next season I named the grass grown from these seeds Agropyrum Caninum. Then I was told that my Macounii had produced these and I decided I had given away seed. Your determination is not a surprise. I am so pleased with your notes that I will send down any of my mounted specimens you would like to see. I am preparing an addendum for publication and if you choose

No 752

Feb 27th 90

Dear Prof Davidson

Your note came today and I am very glad that you asked for the specimens on which they are founded.

I agree with you that one cannot trust surface examination. Your notes are valuable in many respects but I cannot discard from your views as I am convinced you are quite competent to speak on this matter.

Regarding "Cypripedium [illegible]" I may say that three years ago I gave each of F. M. Coffin [illegible] of an [illegible] [illegible] and the next season I received the green [illegible] from the seed [illegible] [illegible]. When I saw the [illegible] any [illegible] had produced this and I decided I had given many seed. Your determination is not a surprise. I am so pleased with your note that I will send down any I get [illegible] specimens you would like to see. I am preparing an addendum for publication and if you choose

2

will publish your complete notes and descriptions
at the end of this addendum. By doing this
I would be giving you a chance to write more fully
on some points. If you do not care to do this
let me have the descriptions and changes of nomen-
clature according to your opinions and I will
insert them in their proper place. I prefer however
printing your notes in full if you will prepare them

Very truly yours
John Macoun

Prof. F. Lamson Scribner
Knoxville
Tennessee

2

will publish your complete notes and description
at the end of the addendum. By doing this
I would be giving you a chance to write more fully
on some points. If you do not care to do this
let me have the descriptions and changes of nomen-
clature according to your opinions and I will
insert them in their proper place. I hope to be
printing your notes in July if you will prepare them

Very truly yours
John Macoun

Prof. F. Lamson Scribner
Knoxville
Tennessee

No 563

Feb. 27th 91

Dear Prof. McBride

When I wrote you last I said I
was going to write in a day or two and
send my Photograph. Well time has passed
with great rapidity and it is only now
I can keep my promise. I send it today
and hope it may reach you safely.

I have just read your kindly notice
over again and am better pleased with it
now than when I thanked you for it. My
chief is well satisfied with the notice and
desired me to keep it for reference. I am
very busy getting Part V through the press
and hope to distribute it this spring.

Very truly yours
John Macoun

Prof. T. H. McBride
Iowa City
Iowa

P. S. It will be in order to receive your Photo now
Mrs. Macoun wishes to be remembered to Mrs. McBride
J. M.

No 563

Feb. 27th 91

Dear Prof. McBride

When I wrote you last I said I was going to write in a day or two and send my Photographs. Which time has passed with great rapidity and it is only now I can send my Specimens. I send it today and hope it may reach you safely.

I have just read your kindly notice over again and am better pleased with it now than when I thanked you for it. My chief is well satisfied with the notice and desired me to send it for reference. I am very busy getting Part V through the press and hope to distribute it this spring.

Very truly yours
John Macoun

Prof. T. H. McBride
Iowa City
Iowa

No 504

Ottawa Mch. 2nd 90

Dear Sir

I find that I must trouble you again. We have begun a collection of skins (mammals) and at present have them packed in tin boxes. You will oblige me very much if you will tell me what it will be best to keep in the boxes with them to keep them free from insects. I send you to-day a skin of a Marmot which was very abundant at [illegible] which you used [illegible] last spring and which you [illegible] to learn its name [illegible] but we will be glad of your determination of [illegible]. Many thanks for your prompt action in answer to our man [illegible]. I have sent forms to [illegible] in B.C. early this month. I have sent forms to [illegible] at Revelstoke who will be posted at [illegible] will be sent you when in April and they will be filled out

Yours truly

Jas. M. Macoun

No 565

Ottawa March 4th 90

Dear Dr. Burgess

Your letter of the 28th. ult.
with specimens was received yesterday and my
father has just examined them he makes them
to be Viola blanda, Viola glabella, Linnaea
hypoleuca, Asarum canadense and Veronica serpylli-
folia. I return the specimens with some others
that I got out for you early in the winter. I
could get no further data from any books in
the library and have changed the proof
to-day as you suggest in your letter of the 27th

Yours truly

Jas. M. Macoun

Dr. Thos. Burgess
Hamilton
Ont.

P.S. I open this to say that your letter of yesterday has
been received and the corrections you suggest will be
made. Where was the Linnaea collected? My father would like
the locality for the addendum.

No 565

Ottawa March 9th 90

Dear Dr. Burgess

Your letter of the 28th ult.
[illegible] specimens was received yesterday and my
[illegible] has just examined them. He makes them
[illegible] Viola blanda, Viola glabella, [illegible]
[illegible], [illegible] and [illegible]
[illegible], I return the specimens with [illegible]
[illegible] got out for you early in the winter, I
[illegible] [illegible] from my books in
[illegible] and have changed the proof
[illegible] as you suggest in your letter of the 27th.

Yours truly
Jas. M. Macoun

Dr. Burgess
Hamilton
Ont.

[illegible] that your letter of yesterday has
[illegible] and the conclusion you suggest will do.
Where were the [illegible] collected? My father would like
[illegible]

No 566

March 6th 90

My dear Sir

Your note of the first instant and the specimens came today. The grass is an introduced one, named Eragrostis minor, Host and of no economic value.

At present ~~that~~ part of the Catalogue containing the ferns is going through the press and ~~would~~ any notes you might have would be too late for insertion. As Osmunda is the last genus in the series there would be time to insert a description of it before it would be paged. Dr. Thomas Burgess of the Insane Asylum Hamilton, Ont. is the compiler of the section relating to the ferns and if you would send him a specimen with the request to describe it if he thought it distinct enough, I would have it inserted in the proper place. You might say that you are acting on my advice and he will let you

No 56

March 6th 90

My dear Sir

Your note of the first instant and the specimen came today. The grass is an interesting one, named Eragrostis minor, Host and of no economic value.

At present that part of the Catalogue containing the grasses is going through the press and any note you might have would be too late for insertion. As Bermuda is the last genus in the series there would be time to insert a description of it before it would be paged. Dr. Thomas Burgess of the Insane Asylum Hamilton, Ont. is the compiler of the section relating to the grasses and if you would send him a specimen with the request to describe it if he thought it distinct enough, I would have it inserted in the proper place. You might say that you are acting on my advice and he will let you

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what he thinks.

Next winter I am going to print a catalogue of the mosses and any assistance you can give me in the way of specimens or information will be ~~thank~~fully received.

Very truly yours
John Macoun

A Gilchrist Esq.
Nurseryman
West Toronto Junction
Ont.

P. O. Address
Thomas Burgess M.D.
Insane Asylum
Hamilton
Ont.

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what he thinks.
next winter I am going to print
a catalogue of the names and any corrections
you can give me in the way of specimens
or information will be thankfully received.

Very truly yours
Alfred Warren

H. Gilchrist Esq.
Gananoque
Nort Grands Junction
Ont.

C. A. Colborn
Thomas Burgess M.D.
Insane Asylum
Hamilton
Ont.

No 567

March 5th 90

Dear Prof. Bailey

After working all winter at other sections of botany I reached the Carices last week. I have been examining my collections in the light of your last memoir and am very much pleased with it. You have rid me of many difficulties and given me great satisfaction. I am publishing Part V of my catalogue and an addendum this winter and am copying many of your descriptions of northern forms.

Amongst those I send are a number of interesting things and one or two that are beyond me. Nearly all are from British Columbia but I send what I call C. bicolor from New Brunswick and C. tetanica from Ontario. I have received a specimen of C. Raeana from the British Museum and from your remarks I am led to believe that C. Raeana is a composite species and includes your specimens of C. oligosperma (which my sp. is)

No 571

March 5th 90

Dear Prof. Bailey

After working as winter at other sections of botany I reached the Carices last week. I have been examining my collections in the light of your last memoir and am very much pleased with it. You have cut me out of many difficulties and given me great satisfaction. I am publishing Part V of my catalogue and an addendum this winter and am adopting many of your classifications of northern forms.

Amongst them I send you a number of interesting things and one or two that are beyond me. Nearly all are from British Columbia but I send what I call C. lenticularis from New Brunswick and C. [illegible] from Ontario. I have received a specimen of C. Macouna from the British Museum and from your remarks I am led to believe that C. Macouna is a composite species and includes my specimens of C. Hyperborea (which my sp. is)

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and C. monile ?, which I take yours to be. My specimen is undoubted oligosperma ~~&~~ and your remarks about the revolute leaves makes that clear except your specimen has the long spikes and revolute leaves combined in the same specimen. I will send you mine if you wish to see it.

Please let me have your remarks on the specimens sent at your convenience. I will want to use them in a couple of weeks.

Very truly yours
John Macoun

Prof. L. H. Bailey
Agricultural College
Mich.

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[illegible] and L. [illegible] of which I take yours to be. My specimen is undoubtedly [illegible] Grand
Your remarks about the [illegible] leaves make
that [illegible] specimens for the long
[illegible] and [illegible] have combined in the same
specimens. I will send you more if you wish
to see it.

Please let me have your remarks
on the specimens sent at your convenience. I
will want to use them in a couple of weeks.

Very truly yours
John Macoun

Prof. L. H. Bailey
Agricultural College
Mich.

No 568

March 6th 90

Dear Miss Vale

Your note and the specimens came this morning. It is not necessary to pay postage either on letters or parcels when you communicate with me.

[illegible]

N.B. Upon reading your letter again Prof. Macoun wishes me to add that Gray's new Manual is much the best book you can use.
J. M. Macoun

No 258

March 6th 90

Dear Miss Hale

Your note and the specimen came this morning. It is not necessary to pay postage either on letter or parcels when you communicate with me.

No 569

Ottawa March 6th 90

Dear Sir

My father is engaged at home
[illegible]day and as I find there is nothing in
[illegible] letter that I cannot attend to I
[illegible] not bothered taking it to him. I return
[illegible] notes herewith and can see that
[illegible] my father was delighted with them
[illegible] they should be nice be very much pleased
[illegible] have you revise them if you think there
[illegible] any corrections or additions to be made,
[illegible] nice be pleased too with your reference to
[illegible] mountain climbing abilities, I used to say
[illegible] my father was the only man that could
[illegible] me out and [illegible] understand me; the
[illegible] that he is more than double my age, he can
[illegible] [illegible] at night just as fresh as I did myself
yours truly
[illegible]
[illegible]
Rockford Ill.

No 570

Ottawa March 7th 90

Dear Sir

Your letter of the 3rd inst. has been received and I can only say in reply that I regret very much that it should have been necessary for you to write about the plants due, my excuse for not sending them is a poor one but the truth is that they had been quite forgotten. My father and myself spend only the winter months in Ottawa and besides botany do all the natural history work of this Department so that our time is well taken up, at present Part V of the Catalogue is being put through the press and also a similar Catalogue of Canadian Birds, this will soon

No 520

Ottawa March 4th 90

Dear Sir

Your letter of the 2nd inst. has been received and I can only say in reply that I regret very much that it should have been necessary for you to write about the Spanish Bees, my reason for not saying there is a poor one but the truth is that they have been quite forgotten. My family and myself spent only the winter months in Ottawa and travelling to see the natural history work of this Department we the one time is well taken up, at present Part V of the Catalogue is being put through the press and also a Provisional Catalogue of Canadian Birds, these are now

be through however and I shall then have
time to get out your plants. The supply
of the early parts of the Catalogue are now nearly exhausted and
are only to be procured from the Librarian of
the Survey — Dr. Thorburn — and by writing to
him you may be able to procure them.
Nos. the Catalogue will in time take up
all the lower forms but we have as yet
done nothing but collect material. Prof. McKay
Pictou Nova Scotia makes a
Pictou Academy, and he will give you
specialty of Diatoms
the information you desire

Yours Sincerely
Jas. M. Macoun

Mr. G. R. Lumsden
8 Elm St.
Norwich. Conn.

No 571

Ottawa March 7th 90

Dear Sir

We are working over our material for the addendum ~~that~~ will be published with Part V of the Catalogue this spring and have examined our violet again. Do you not think it Viola Langsdorffii Fisher? Have you specimens of this species? If not will you kindly examine our specimens again and compare them with the description of V. Langsdorffii in Gray's Revision. Another century of plants was sent you to-day among which I hope you will find something interesting. What do make of the specimens labelled [illegible] Pacificum from Skeena [illegible], Aster subulatus, and Aster ——— sent you [illegible] [illegible]? Did you receive the specimens [illegible] [illegible] [illegible] We start for B.C. in about [illegible] [illegible] [illegible] the Catalogue [illegible] [illegible] [illegible] in getting [illegible]

[illegible] [illegible] [illegible]
Washington D.C.

No 572

Ottawa March 15 90

Dear Sir

I have again a little time which
I can devote to the distribution of plants
and will work at one of duplicates now
until I reach the end of the same families
at any rate I have already about twenty of
your Graminae out and have your list before
me as I work, I shall send you no
specimens however until we are ready to
close up this work for the year which
will be in a little more than a month
when my father and I go to Brit. Columbia
I am sorry for all the delay but there
has been so much else to do that seemed
more important that this has been put off for

Yours truly
Jas. M. Macoun

all to work
Mr. J. W. Chickering; Kendall; [illegible]

No 573

[illegible] [illegible] 18[illegible]

My dear [illegible]

[illegible] I [illegible] send you down a list of [illegible] just received from Dr. Hinds [illegible] [illegible]. All marked with [illegible] [illegible] by me. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] may be [illegible] [illegible] [illegible] [illegible] [illegible] to you [illegible] [illegible] [illegible] I [illegible] [illegible] [illegible] the list.

1 [illegible] [illegible] Hinds. [illegible] [illegible] [illegible] [illegible] [illegible]

2 [illegible] [illegible] = [illegible] [illegible] Cardot.

3 Leskea aquatica = L. aquatica var. virescens " "

4 " nervosa = " nigrescens " "

5 Grimmia [illegible] [illegible]

6 Grimmia [illegible] Hinds.

7 Hypnum (Eurhynchium) [illegible] Hinds.

2

Hapsidium longinerve = Dichelyma longinerve, Aust.

Musc.

I send, no less, I find there 111 species some of which have been found in other parts of America but I thought it best to indicate I had found them.

Lindberg wanted me to have the complete list published [illegible] it [illegible] [illegible] [illegible] [illegible] to print it.

Yours truly [illegible]

[illegible]

[illegible]

[illegible] college

[illegible] be able to supply a few others. [illegible] may

Prof. Macoun wishes me to add that he would like this list returned when you are through with it. J. M. Macoun

No 174

Ottawa March 11th 90

Dear Madam

Two or three months ago I sent a packet of plants to you but have not heard whether it reached you. I have had another packet ready for some time, shall I send it and did the other reach you?

Mrs. M. K. Curran
Cal. Acad. of Sciences
San Francisco.

Yours truly
Jas. M. Macoun

No 575

March 11th 90

Dear Prof. [illegible]

I am very glad you wrote me about the Epilobium. I wanted in hopes you would write and today send all our mounted specimens except those of E. latifolium and angustifolium. Besides these I send duplicates of some of the mounted specimens all we have in [illegible] as we distributed the [illegible] before January. [illegible] are a few numbered from one to [illegible] of which I [illegible] the names. Please send the numbers with the names.

When you are done using the mounted specimens please write in [illegible] a pencil on the sheet your corrections or notes. As I am publishing notes and corrections on the four first parts of our Catalogue in Part V which is now in the press I would like [illegible] return [illegible] as soon as you can conveniently [illegible] the specimens [illegible]. [illegible] to the distribution of Polypetalae in the early part of the winter our duplicates [illegible] your [illegible] are [illegible] from [illegible]

[illegible] would be of [illegible] value. [illegible] [illegible] make an exchange
[illegible] you [illegible] we [illegible] you [illegible] or at any [illegible] time
I may say [illegible] we do not exchange on that basis,
Your herbarium will be a basis for good work [illegible]
coming [illegible] and as an earnest of what I hope
to do in [illegible] [illegible] I will send you almost a
complete set of our Canadian Carices named after
Bailey's latest [illegible]. These are hardly monthly
[illegible] [illegible] be [illegible] [illegible]. As soon as I hear from
you I will send them. Next year I will be in the
[illegible] [illegible] [illegible] [illegible] and [illegible] select you a
western [illegible] again and [illegible] other [illegible],
good [illegible] [illegible] [illegible] [illegible] and other [illegible] [illegible]
We have [illegible] [illegible] [illegible] [illegible]
we will distribute next winter.
[illegible] [illegible] [illegible] from [illegible]
of our Canadian [illegible] - as [illegible] [illegible] issued - and
hope they will [illegible] you. Another [illegible] will be
distributed [illegible] [illegible]. [illegible] specimens or [illegible]
[illegible] where we have more [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] John Macoun
[illegible] [illegible]

No 376

Ottawa March 11th 90

Dear Sir

I am publishing this spring Part II of my Catal. of Can. Plants and with it additions and emendations to the other parts. I have never heard from you since the last packet was sent you more than a year ago. I spent last summer in the Southern part of B.C. and will spend the coming season in the Kootenay and Columbia rivers. There have been a number of specimens upon which I should have been glad of your opinion as I have not always been satisfied with the determining of Eastern botanists upon western plants, but I have been compelled to send difficult specimens where they would be reported upon in time for me to publish before leaving for the field

Did you find anything new or of interest among the specimens sent you and those I send you now?

Yours truly
John Macoun
per [illegible].

Dr. Ed. L. Greene
Berkeley
California

No 577

[illegible] 11th [illegible] 90

[illegible]

[illegible] one [illegible] of [illegible]

[illegible] we [illegible] the [illegible] see

the [illegible] specimens [illegible]

returning [illegible] sent

back with the [illegible] specimens

[illegible] I will

be [illegible] get some

[illegible] it [illegible]

[illegible] cannot [illegible] should be [illegible]

[illegible] which are [illegible] too much.

[illegible] conditions and

[illegible] on the [illegible]. I

[illegible] than [illegible]

[illegible] not [illegible]

[illegible] method [illegible] of [illegible]

[illegible] I [illegible]

[illegible]

[illegible]

[illegible]

[illegible] to be a [illegible] from [illegible]
[illegible] it a [illegible].

[illegible] of [illegible] the
they are not [illegible] and [illegible],
[illegible] to [illegible] be [illegible]
the two first mentioned [illegible] together.

[illegible]
on the [illegible]
[illegible] and [illegible]
[illegible] in the right direction. [illegible]
was [illegible] he had lived
would have [illegible] to [illegible]
the [illegible]. [illegible] is [illegible] behind the
times and [illegible] authors
[illegible] in compiling the
work. [illegible] B. [illegible]
[illegible]
[illegible] B. [illegible]
[illegible] 120 species to those
described in the Manual. [illegible] 66 of these
are new to science and the others to America

Q

As I said to Professor [illegible] the other day I say to you — there are either additions or they are not and there is no way [illegible] to [illegible] this case. [illegible] was a [illegible] but [illegible] did not examine closely enough as many names he named [illegible] were not what he said. If I have done so much in [illegible] in a short time, I see no reason why any Americans should not arise and do the same.

I would [illegible] to see your mosses [illegible] with [illegible] but I will not promise to name them correctly, though I may be able to set you in a way to do it.

[illegible] to the Manual [illegible] page [illegible] and see what is said about the distribution of D. cylindricum, and then turn to G. p. 105 and read what they say about D. cylindricum. They evidently refer in both cases to the same plant. Now look at the description [illegible]. If [illegible] I [illegible] plant and it belongs to the latter, D. cylindricum, they [illegible] but I have [illegible] not found or [illegible].

It [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible] be in the [illegible] than we should without some difficulties. (During the past year we examined over 800 [illegible] of [illegible] [illegible] [illegible] the [illegible] is a [illegible] amount everything to [illegible] as I consider the Manual ~~in~~ very [illegible] reliable and its descriptions not applicable to our means in many cases. I think Mr. [illegible] sees the Manual in the [illegible] light.

Yours truly

G. N. [illegible] Co. — David Mann

[illegible]

Your [illegible]

Address ~~C. Hindley~~

[illegible] C. Hindley
Linköping
Sweden.

No 878

Ottawa Mch. 12th 90

Dear Dr. Burgess

My father wishes me to thank you for your note of the 9th inst and to say that as perhaps you know he included Bryum flagellare in the addenda to Part III. our specimens are from and were collected by Hill. He will note Mr. Fletcher having found it also. Have you seen Aster patens about Hamilton? It was collected near there last summer

Yours truly
Jas. M. Macoun

Dr. Thos. Burgess
Asylum for Insane
~~London~~ Hamilton
Ont.

No 679

Ottawa March 13th 90

Dear Sir

Per Halifax mail I have send you
to-day a packet of plants which I suppose will
not reach you until a week after this
does. I have now a little time and hope
during the next month to distribute our gamopetalae.
My father and I start for the field in
about six weeks — our destination being southern
British Columbia —. I hope there will be
something of interest to you in the packet
I dare say many things as sent you ~~that~~ are
of little value to you but I am doing my
best to give you a full set of our plants

Yours truly

Jas. M. Macoun

Mr. Wm Carruthers

British Museum

London

No 580

March 16th 90

Dear Dr. Britton

I am today arranging the copy of the Ranunculaceae for the addendum and would like your notes on the order at your earliest convenience.

Please examine my specimens of R. affinis var. validus, Gray and see if some of the stouter ones are not R. acriformis Gray.

I have seen nothing in print to settle the merits of Buda and Tissa in exchange for Spergularia so I follow the new Manual. I am no authority to follow precedent.

If you have any critical species of ours you might if convenient give me your views on them. I have named the Arabis sent you A. Columbiana. Will it stand?

Very truly yours
John Macoun

Dr. N. L. Britton
Columbia College
New York

No 190

March 14th 90

Dear Dr. Britton

I am today arranging the copy of the Con-
volvulaceae for the [illegible] and would like your
notes on the order at your earliest convenience.
Please examine my opinions of the affinities etc.
[illegible] [illegible] and see if some of the [illegible]
are not [illegible] [illegible] [illegible].

I have seen nothing in print to settle the
merits of [illegible] and [illegible] in exchange for [illegible]
[illegible] or I follow the new Manual. I
am no authority to follow precedents.

If you have any critical specks of [illegible]
might I [illegible] [illegible] me your [illegible] on them.
I have named the [illegible] sent you [illegible]
[illegible] [illegible]?

Very truly yours
Edward [illegible]

Dr. N. L. Britton
Columbia College
New York

No 581

March 14th 91

Dear Mrs. Britton

Your two notes have been received. I send
Dicranella Schreberi. The ticket will give locality.

I am glad you mention D. squarrosa as being
my No 28. The barren specimens are not that according to Kindberg
but James named them D. subulata. Please
note this correction as regards the barren specimens
because all my D. subulata is not like the ones
you received. It was folded seven years ago.

Thanks for the specimens of Parisiensis. Please
examine my P. lateritiola and see if they are not
identical. I am still working hard at my Part 7
but hope to get through writing in a couple of weeks.

Glad to send yours D. Schreberi. The fruiting
specimen is from Mount Quebec. Kindberg named
the Articula specimens of D. subulata, D. Wahlenbergii
and I would not accept his dictum and sent it back
he still maintains it is D. Wahlenbergii. I send a
pair of D. squarrosa (1) from New Brunswick and (2)

No 581

March 14th 91

Dear Miss [illegible]

Your two notes have been received. I send Oleandra Wallichii. The latter [illegible] locality.

I am glad you mention O. [illegible] as being my No 29. The same specimen was not according to [illegible] but [illegible] named them O. [illegible]. Please note this correction as regards the [illegible] specimens because all my O. [illegible] is not like the one you received. It was [illegible] [illegible] your eyes.

Thanks for the specimens of [illegible]. Please examine my O. [illegible] and see if they are not identical. I am still working hard at my Part 4 but hope to get through [illegible] in a couple of weeks.

Glad to send you O. Wallichii. The finding specimen is from Mount [illegible] [illegible] named the Continental specimens of O. [illegible] i.e. [illegible] and I would not accept his decision and sent it back. He still maintains it is O. [illegible]. I send a pair of O. [illegible] (1) from [illegible] and (2)

2

your mosses. These will enable you to see what Kindberg names C. aquaeum.

Keep on at your good work and expect me to assist you with specimens where possible. I sent Miss Cummings, Kindberg's list of N. Americans, Canadian & European Mosses with a request that she would send it to you before she returns it.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

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your money. These will enable you to do what—
Finding names & expenses.

Kindly one of your good words and
expect me to assist you with specimens where
possible. I sent Miss Cummings, Hindley's
list of N.A. Carices, Canadian & European ones
with a request that she would send it to you
before she returned it.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York

No 382

March 18th 90

My dear Sir

Your note of the 10th inst. was received in due time but laid aside while I read some proof and has been overlooked up to the present.

The plant named Delphinium [illegible] is not a native of Canada nor have we anything like. Nos. 1115 & 1116 which are its congeners and only reach Canada in the south-western part of Ontario.

I cannot imagine to what plant you refer, named "North and South", that grows on the Upper Ottawa. I know of no plant having such a local name but as I am interested in finding out just such matters I will try and discover what is meant, for the benefit of both of us. It is just possible that some species of Sunflower (Helianthus) is meant as the "North and South" plant.

Very truly yours
John Macoun

Mr. R. H. Cowley
370 Lisgar St.
Ottawa

No 382

March 18th 90

My dear Sir

Your note of the 13th inst. was received in due time but laid aside while I was away and has been overlooked up to the present.

The plant named Lippia [illegible] is not a native of Canada nor have we anything like [it]. Nos. 1115 & 1116, which are its congeners and only reach Canada in the South western part of Ontario.

I cannot imagine the other plant you refer named "Youth and Health," that grows in the Pelham Ottawa. I know of no plant having such a local name but as I am interested in finding out just such matter I ask that you find out for me what is meant, for the benefit of botany. It is just possible that some species of [illegible] ([illegible]) is meant as the "Youth and Health" plant.

Yours very truly
John Macoun

[illegible]
Ottawa

110583

March 18th 90

My dear Sir

I have been so worried over proof reading and more copy that I have written no letters for a week.

I never published a paper on the north west birds except the list you refer to in your letter. The other notes you saw.

I can neither confirm nor deny the certain occurrence of Sturnella magna, Sayornis saya nor Hydrochelidon leucoptera. There may be a mistake about the two former as I do not remember having their skins but the latter (Hydrochelidon) was in my hands and was in the boat for over two days. It was one of a flock of six at least that were circling around and were very conspicuous from their piebald appearance. As you are aware the Black Tern prefers prairie marshes but these were on a large lake — the source of a branch of Swan River. I cannot

No 873

March 18th 90

My dear Sir

I have been so worried and busy lately and more sorry that I have omitted one letter for a month.

I [illegible] a fragment [illegible] but [illegible] the last year [illegible] my great help. The other notes you know.

I am writing [illegible] now along the [illegible] [illegible] of [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]. There may be a [illegible] about the [illegible] [illegible] as I do not [illegible] [illegible] [illegible] that the [illegible] [illegible] now in my hands and [illegible] in the [illegible] [illegible] [illegible] [illegible] [illegible] one of a [illegible] of [illegible] at [illegible] and [illegible] around and [illegible] [illegible] [illegible] [illegible] [illegible] appearance. Do you [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] but [illegible] [illegible] [illegible] [illegible] — the [illegible] of a [illegible] of [illegible] [illegible]. I cannot

[illegible]

No. 583

2

prove that the bird was what I say and for that reason cannot blame any person for doubting me. Say just what you think about my statement as I may have been mistaken in all three cases.

I have read your second letter and am not the least surprised at your construing my silence into reluctance to change my opinion but you are mistaken. I am not a [illegible] of that class. As I said above you are quite justified in doubting my statements and as I was very young in my bird studies at that time I am probably wrong in all three cases and I am quite willing you should say so if the facts appear against me. My statements are unproved facts.

A copy of Turner's list of Labrador birds would be very acceptable and if I can do anything for you in return I would be very glad to do so.

Very truly yours
John Mearns

Ernest E. Thompson
86 Howard St.
Toronto

1881 I have done nothing [illegible] writing notes I [illegible] J. M.

No. 593

2

you that the third one which I may send for what
[...] cannot have any reason for doubting me.
[...] just what you think about my statement as
[...] may have been mistaken in all these cases.

I have read your second letter and
[...] not the least surprised at your continuing my
[...] with reluctance to change my opinion that
[...] all mistaken. I am not a dreamer of what the
[...] I said above you are quite justified in doubting
[...] statement and as I am very young in my
[...] direction at that time I was perfectly wrong in
[...] that case and I am quite willing you should
[...] as if the facts offered against me by others
[...] influenced for it.

[...] Jammes list of Laborato[...]
[...] would be very acceptable and if I can do
anything for you in return I would be very glad
to do so.

Very truly yours
[illegible signature]

[...] L. Thompson
[...]
[...]

No 5941

March. 18th 90

My dear Sir

Your note of the 6th inst was received some days ago and I answer it in part and my assistant will answer it in part.

I may say that the botany of Vancouver Island is the most interesting in the Dominion. In Part V of my Catalogue of Canadian Plants now going through the press there are many additions to the flora of Canada of Vancouver Island plants collected by me in 1887. My assistant sends you notes on gathering and mounting plants. Mr. Cowley one of your own citizens can show you how to prepare seaweeds better than I could to you.

In asking for the Geological and Natural History Reports I would advise you to ask Dr. Selwyn direct as he is always willing to assist bona fide workers. Ask for the reports bearing on British Columbia and state what you want them for

No 381

March 18th 90

My dear Sir

Your note of the 6th inst was received some days ago and I answer it in part and my assistant will answer it in part.

I may say that the botany of Vancouver Island is the most interesting in the Dominion. In Part V of my Catalogue of Canadian Plants now going through the press there are many additions to the flora of Canada of Vancouver Island plants collected by me in 1887. My assistant sends you notes on gathering and preserving plants. Mr. Ashley one of your own citizens can show you how to prepare specimens better than I could tell you.

In asking for the Geological and Natural History Report I would advise you to ask Dr. Selwyn direct as he is always willing to assist bona fide workers. Ask for the reports bearing on British Columbia (ask him) that will get you about three ft

2

Gray's Synoptical Flora including the Gamopetalae only is much better than the Botany of California as far as it goes as all your plants found in Part II of my Catalogue are described in it. As soon as Part V is published I will send you a copy and you will then see the distribution of your ferns and rare species of other Orders.

Very truly yours
John Macoun

C. F. Newcombe M.D.
Box 127
Victoria
V. I.

P.S. I shall not have time to write notes on collecting plants, mounting them etc. [illegible] but will do this so this evening and write you tomorrow. Yours truly
Jas. M. Macoun

No. 585

March 18th 80

My dear Sir

Your note of 11th inst was duly received. Thanks for the corrections and additions. I will attend to them.

I am getting out Part V of my Catalogue and have laid over the Catalogue of Birds until next winter.

Have you any further notes on new or rare species for the addendum that I am now writing?

Very truly yours
John Macoun

R. Elliott Esq
Plover Mills
Ont.

No 575

March 19th 90

My dear Sir

Your note of 11th inst was duly received. Thanks for the corrections and additions. I will attend to them.

I am getting out Part V of my Catalogue and have laid over the Catalogue of [illegible] until next winter.

Have you any further notes on new or rare species for the Catalogue that I am now writing?

Very truly yours
[illegible]

R. Ellicott Esq
[illegible]
Ind.

410586

March 18th 90

Dear Professor Bailey

Your letter with notes and names of Carices came in good time and gave me great satisfaction. I am very glad we made out so well last season and hope to do better next year. I will be in the Kootanie country between the two arms of the Columbia the coming summer and expect to collect a number of rarities.

There is still a tangle with one of the Vancouver Island Carices which was named C. Austin [illegible] in 1887 I think it must be C. Hookeriana.

Please look over the Carices again that I sent the other day. You say that No 17 is C. [illegible]; [illegible] and I think you have written the the wrong number. What I sent under that number I thought was C. Buxbaumii. It is possible that 7b may be the number and you have omitted 17 altogether.

No 256

March 19th 90

Dear Professor Bailey

Your letter with note and names of Cassia came in good time and gave me great satisfaction. I am very glad we made out so much last season and hope to do better next year. I will be in the Northern country. In January the two ones of the Observations the ensuing summer and expect to collect a number of varieties.

There is still a tangle with one of the Jamaica Island Cassias which was named C. [illegible] in 1887 I think it must be C. [illegible].

Please look over the Cassia again that I sent the other day. You say that No 17 is C. [illegible], and I think you have written it the wrong number. What I sent under that number I thought was C. [illegible]. It is possible that 7 b. may be the number and you have omitted 17 altogether.

2.

The more I examine your last Memoir the more I am pleased with it. By separating each species into its component parts you have helped me wonderfully as I could never get my mind to accept the printed diction as a description of my specimens. I am still bothered over the prairie form of C. Sitchensis and believe you will yet make some other disposition of it. As soon as convenient let me hear what you make of No. 8.

Prof. L. H. Bailey
Ithaca N. York.

Very truly yours
John Macoun

P. S. I have a valuable paper now in press on Canadian Liverworts from the pen of Mr. Pearson of Manchester England.
J. M.

2

The more I examine your last Memorial
the more I am pleased with it. (By especially
[illegible] into the Government fund your
line helping me unconditionally as I could never
get my mind to accept the [illegible] [illegible]
as a [illegible] of my opinions. I am still
[illegible] over the [illegible] from J. G. [illegible] and
[illegible] you will yet make more [illegible] [illegible]
of the [illegible] as [illegible] let me hear
what you make of [illegible]
[illegible]
[illegible]

Very truly yours
[illegible] [illegible]

P.S. I have a [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]
[illegible]

No 587

March 18th 90

My dear Sir

Your letter of the 10th inst. reached me in due time. In reference to my summer's work I may say that I take no party into the field. My eldest son is my assistant here and he goes with me to the field in the same capacity. I have one man in British Columbia now who will join us when we go over and we thus make up the party. We collect all kinds of natural history specimens and have our time fully occupied. The wages paid to a helper or any of the Geological parties is only that of a working man as they there is no ~~temptation~~ in that line.

I am glad there is a hope that you will be able to add to your list next summer. I return the list with this letter. I hope to call upon you next October as I expect to be in St. Thomas. As the list stands now it is an excellent one and valuable to me.

Very truly yours
John Macoun

J. L. [illegible] Esq
St. Thomas.

No 587

March 19th 91

My dear Sir

Your letter of the 10th inst. reached me in due time. In reference to my movements next I may say that I [illegible] to [illegible] visit the field. My [illegible] is my assistant here and [illegible] you with me & the guide in the same capacity. I have no means in [illegible] [illegible] [illegible] will give no [illegible] as you [illegible] and no other marks of the [illegible]. The [illegible] at [illegible] of [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of the [illegible] is not [illegible] of a [illegible] [illegible] or [illegible] [illegible] as [illegible] [illegible] in that [illegible].

I am glad there is a hope that you will be able to [illegible] the [illegible] list next season. I return the list with this letter. I hope to [illegible] you next October as I expect to be in the [illegible] [illegible] the list [illegible] [illegible] [illegible] [illegible]

Very truly yours
[illegible] [illegible]

No 588

March 18th 90

My dear Sir

Your note reached me this morning and afterwards your telegram.

I found the <u>missing</u> copy and send it this afternoon. It follows without any break after what has been set up.

The reason why I stopped the striking off of the paged part was that the paging should have been done consecutively with Part IX and the first page [must] should be <u>249</u> I am speaking of the section commencing with the <u>Equisetums</u>.

Mr. Selwyn desires me to say that you are to strike off 2500 copies of the first 48 pages and only 2500 copies of the remainder.

Of the paper on the Hepaticae you are to strike off 2550 copies all through.

No 854

March 15th 90

My dear Sir

Your note reached me this morning and after much your telegram.

I posted the missing copy and read of this afternoon. It follows without any break after what has been set up.

The reason why I stopped the striking off of the paged part was that the paging should have been done consecutively with Part IV and the first page should be 257 next. I am speaking of the whole commencing with the Cognitions.

Our Secretary desires me to say that you are to strike off 2560 copies of the first 48 pages and only 2500 copies of the remainder.

Of the paper on the [illegible] you are to strike off 2560 copies all through.

2

I wish the last paper to stand over a few days as I have had a "Cable" from England to that effect.

We will send more copy tomorrow as we are arranging it as fast as we can.

Very truly yours

John Maurin

Richard White Esq

Gazette Office

Montreal

2

I wish the last paper to stand over a few days as I have had a "cable" from England to that effect.

We will send more after tomorrow as we are arranging it as fast as we can.

Very truly yours
Alfred Macrae

Richard White Esq
Gazette Office
Montreal

No. 589

Ottawa March 14th 90

Dear Sir

I sent with my father's letter this afternoon ~~a~~ a copy of the "Ottawa Naturalist" in which was a short paper by me on Collecting plants. It was as you will see written for beginners but it may contain some hints on cryptogams that may be of service to you. I have not referred to the Algae in it and need only say that the best way to collect and mount them is that ordinarily used — floating them in water and placing paper of the proper size beneath them — our specimens are kept on the sheets they are first placed upon but these smaller sheets are fastened to sheets of our regular herbarium size and placed in genus covers,

2

Sticking things in books as is often done does well enough for an amateur collection but would not answer for a public herbarium. All the cryptogams are mounted in a manner similar to the ones I send you, the sheets upon which mosses, lichens etc are mounted may vary in size, but as in [illegible] with us would not fasten the smaller sheets to ones of herbarium size. For years I thought this very [illegible] I will say here that it is mis-taken economy to use paper of poor quality in mounting specimens. We have had to do with all kinds and none but the best should be used, if the amount of money to be expended for paper be small it is much better to buy a small quantity similar to the sample I send than a great deal of poor quality. There are many preparations used for mounting specimens; the best I think is common white glue if it can

3

[illegible] tight but if not carriage glass [illegible] a
[illegible] is good and is ready for use at any
[illegible] — [illegible] should not be used as when dry
[illegible], [illegible] should and specimens frequently break.
I recommend little and specimens [illegible] size, for
the paper I used is of the standard size, for
[illegible] to everyone's taste differs, [illegible] are neither
[illegible] good paper [illegible] are very pretty — the
[illegible] the principal
[illegible] [illegible] [illegible] to leave plenty of room for
[illegible] of [illegible] is to leave plenty of room for
[illegible] [illegible] habitat etc. The [illegible] general
notes as regards
[illegible] [illegible] but I have fastened on
specimen label [illegible] one. [illegible] form of label that I think
[illegible] of the covers a form of label that I think
[illegible] for an herbarium of medium size
[illegible] specimens are poisoned with a
[illegible] [illegible] in alcohol. If I have
solution of corrosive sublimate in alcohol. If I have
not answered your questions fully or if there is anything
[illegible] you have only to write

Yours truly
Jas. M. Macoun

[illegible] [illegible] [illegible]
[illegible] 12 Victoria, B.C.

598

Ottawa March 26th 90

Dear Dr. Burgess

Many thanks for the specimens [illegible] which I received in good condition yesterday. The Carex which you had named [illegible] was named by Bailey C. laxiflora var. intermedia [illegible] C. vaginata of my catalogue. [illegible] [illegible], Bailey, [illegible] C. laxiculmis Schwein. and is C. retrocurva is now [illegible] distinguished by its glaucousness. The other form collected by you at London which is not glaucous is was named C. digitalis Willd. var. copulata, Bailey.

The Hypnum sent me some time since is N. [illegible] has not yet been named. [illegible] the first 40 pages of Part II have [illegible] Extra copies of [illegible] have been ordered for you

Yours sincerely
John Macoun
[illegible]

Dr. Thos. Burgess
Asylum for Insane
Hamilton

No 591

March 22nd 10

My dear Madam

Your note of 18th inst. is to hand. I am quite sure you are correct in making No 28 O. squarrosa. I will send you a specimen of O. subulata later on. Thanks for the specimens sent.

~~Shall~~ I complete the list of N. A. Mosses with the description of the new ones? I leave for the west in a month.

The species I distributed (No 109) as R. lutescens var. obtusus. Ren. & Card. named R. vacinus. Now they are beginning to doubt their own work and believe their R. Oreganus is Mitten's vacinus. Where it will end I cannot tell. Austin certainly named my No 104 R. vacinus, Mitt., sixteen years ago now Mitten himself says the same thing. Keep right on.

Very sincerely yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

March 22nd 90

My dear Madam

Your note of 17th inst. is to hand.
I am quite sure you are correct in making the [illegible]
species. I will send you a specimen of [illegible]
later on. Thanks for the specimens sent.
When I complete the list of N. A. Mosses only
the description of the new ones I [illegible] for the rest
in a month.
The species I distributed [illegible] as [illegible]
var. [illegible]. Dr. Card. named [illegible]. Now
they are beginning to doubt their own work
and believe them [illegible] in [illegible]
Where it will end I cannot tell. [illegible]
named my No. 114 [illegible], [illegible]
years ago [illegible] himself says the same
thing. [illegible]

Very sincerely yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York

No. 572

March 22nd 90

My dear Sir

Your letter reached me yesterday and I read it with great interest. I am not the least surprised at your difficulties with the genus. In the matter of Alopecurus I do not doubt but you are right in making Macounii and [illegible] the same as I am quite sure they are. What they are a case of germination is for you to decide not me. The sandy genus in a region where there is a wet winter with almost continuous growth, when spring comes the ground dries and the sandy bottoms were it [illegible] are soon baked earth. These conditions [illegible] to your decision bring the correct one.

Since reading your letter I have thought that probably it would suit you better to give me a provisional list of the species sent and let the critical part of the work stand over until next winter when I can supply you with another

No. 572

March 22nd 90

My dear Sir

Your letter reached me yesterday and I read it with great interest. I am not the least surprised at your difficulties with the grasses. In the matter of [illegible] I do not doubt but you are right in [illegible] and [illegible] the same as I was quite sure they are. That they are a [illegible] of [illegible] is for you to decide not me. The [illegible] genus is a region where there is a wet winter with almost continuous growth, where going down to [illegible] there and the [illegible] are [illegible] your [illegible] Those [illegible] you [illegible] during the [illegible] now.

Since reading your letter I have thought that probably it would suit you better to give me a [illegible] list of the [illegible] and [illegible] the [illegible] of the [illegible] and winter where I can supply you with [illegible]

2

series of specimens from the more southern British Columbian mountains. I am going in a month to British Columbia and will collect there all next season. Of course grasses will be only a part of my work but I hope to get many fine things. I would like the list of grasses as soon as convenient as the printers are asking for copy all the time.

Do what you think best and I will be satisfied.

Very truly yours
John Macoun

Prof. F. L. Scribner
Knoxville
Tennessee

2

[...]ies of specimens from the more southern
[Bri]tish Columbian mammalia. I am going
in a month to British Columbia and will collect
there all next season. If some species not be
[...] a part of my work but I hope to get
many fine things. I would like the list of
[spe]cies as soon as convenient as the favorite
[...] asking for copy as at the time.
Do what you think best
and I will be satisfied.

Very truly yours
[illegible]

[illegible]
[illegible]
[illegible]

No. 583

March 22nd 10

My dear Sir

Your letter of the 19th inst. has been received. I saw your application and it is on file. As I said in my letter Dr. Bell is your only chance. Have the College authorities to put in a word. He is going to the Building Council this year and might be able to take you. The chance of getting there is very little. In any case it takes more than a [illegible].

I will make a point of speaking to Dr. Bell in your favor and if there is any prospect for you will let you know.

Very truly yours
John Macoun

Mr. Thomas Walker
299 Earl St.
Kingston
Ont.

No. 583

March 22nd 10

My dear Sir

Your Letter of the 19th inst. has been re-
-ceived. I see your application and it is so far
as I said in my letter that it is your only chance.
Then the large contribution at first is a result of
its going to the Building Society that you and
might be able to take your old ones and [illegible]
there is very little. You may be at little under
a future.

I will make a point of speaking to
the Dean in your favour and if there is any
prospect for you will let you know

Mr. Thomas Walker
2?? [illegible] St.
Kingston
Ont.

No. 384.

March 22nd 90

My dear Sir

Your note of the 19th inst. has reached me in answer I may say that the list will not be wanted until the autumn. Should I not hear from you or see you in October I will write for the list as it is a valuable one.

I am leaving for the east in a month and would rather you would keep the list in your own charge until my return in September.

Write whenever you feel like it. I am always glad to hear from my young friends who are interested in Natural History.

Very truly yours
John Macoun

Mr. J. L. Farley
St. Thomas
Ont.

March 22nd 9_

My dear Sir

Your note of the 19th inst. has reached me in [illegible] I may say that the list will not be [illegible] until the [illegible] should not [illegible] from you or [illegible] in October I will not [illegible] the list as it is a [illegible] me.

I am leaving for the west in a month and would rather you would keep the list in your own charge until my return in September.

Kindly remember me to [illegible] I have always [illegible] from my young friends who are interested in [illegible].

Very truly yours
Edward [illegible]

[illegible] Esq.
[illegible]
Ont.

No. 596

March 22nd 90

Dear Mr. Bebb

Both your letters were received in due time and I have incorporated your notes and especially descriptions of the new species. I thank you very much for your trouble and hope to repay you by getting a lot of new material for you next summer.

My health is first class now and I hope to make up for lost time when the time for work comes round. I hope the advent of spring has set you up and that you will feel both young and strong again. My winter's labor is drawing to a close and I hope in four weeks to leave for the western mountains

Very sincerely yours
John Macoun

M. S. Bebb Esq.
Rockford
Ill.

No. 596

March 22nd 90

Dear Mr. Babb

Both your letters were received in due time but I have [illegible] your notes and [illegible] the description of the new [illegible]. I thank you very much for your trouble and hope to enjoy [illegible] getting a lot of new material for your next season.

My health is just [illegible] and I hope to make up for lost time when the time for work comes around. I hope the [illegible] of [illegible] [illegible] your [illegible] and that you will feel both young and strong again. My [illegible] to [illegible] and I hope [illegible] for the [illegible]

Very sincerely yours
[illegible] Harmon

[illegible] Babb Esq.
[illegible]ford
Ill.

Ottawa March. 24th 90

My Dear Sir

Your letter was received this morning but a few minutes after I had found the sheet on which your last specimens of Scrophularia had been mounted. It had stuck and your notes had been mounted between two sheets of the paper used in mounting specimens [illegible] the other [illegible] was [illegible] in [illegible] mounted. [illegible] nothing [illegible] many thanks for the trouble you [illegible]

Yours truly
Jas. M. [illegible]

J. Brainerd
Middlebury
Vt.

No 598

March 24th 90

Dear Dr. Britton

Your note came today. I am glad to learn that you found some interesting things in the Ranunculaceae. I am going to describe the Naiad-aceous plant as a new species. It is certainly a Ruppia. I have Phyllospadix from Vancouver Island but it is like Zostera not at all like the plant I sent.

When I sent down the Luzulas and Eleocharis last September you named No. 10 Luzula spadicea. Since then I have had a specimen of the same thing from Howell named L. spadicea var. longistylis. Are they the same and will I mention the var.?

Nos 6 & 44 Scirpus —? You said you would report on this later. They are my Scirpus specimens Part IV, 176. I would like to know what you make of them. Since your first report I have sent down Eleocharis Nos. 1, 2 & 3. I would like to know

N° 579

March 24th 90

Dear Dr. Britton

Your note came today. I am glad to learn that you found some interesting things in the Bermuda collection. I am going to describe the [illegible] plant as a new species. It is certainly a [illegible]. I have Photographs from [illegible] Island but it is like [illegible] not at all like the plant I sent.

When I sent down the Lycopodium and [illegible] last September you mention No. 10 Lycopodium [illegible]. Since then I have had a specimen of the same thing from Howard named L. [illegible] var. [illegible]. Are they the same and why I mention the [illegible]?

No 68 [illegible] —? You said you would report on this later. They are very [illegible] specimens [illegible] 176. I would like to know what you make of them. Since your first report I have sent [illegible] No. 1, [illegible] I would like the [illegible]

2

what you do with them.

Next summer I will go a month later and get that Russula ? in a perfect state. and we will then know what to do with it. I am quite sure it is a Russula and a new species.

Very truly yours
John Macoun

Dr. N. L. Britton
Columbia College
N. York.

P. S. I will make my Spergularia [illegible]
J. M.

2

what you do with that.

Next summer I will go a [illegible] after

and get that Coffin I in a perfect state and

we will then know what to do with it. I am

quite sure it is a Coffin and a rare specimen.

Very truly yours

[illegible]

Dr. R. L. [illegible]

Columbia College

N. York.

P. S. I now made my [illegible] [illegible]

J. M.